

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079230.D
 Acq On : 11 Sep 2023 20:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 05:23:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	161742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	248167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109920	50.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.680%			
35) Dibromofluoromethane	8.171	113	91212	49.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.260%			
50) Toluene-d8	10.571	98	347987	51.571	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.853	95	118727	55.161	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	72399	45.239	ug/l	98
3) Chloromethane	2.365	50	94010	44.749	ug/l	97
4) Vinyl Chloride	2.512	62	103604	45.260	ug/l	98
5) Bromomethane	2.936	94	52466	39.874	ug/l	99
6) Chloroethane	3.112	64	64566	43.982	ug/l	98
7) Trichlorofluoromethane	3.489	101	148213	44.217	ug/l	99
8) Diethyl Ether	3.965	74	57048	49.034	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	81081	45.484	ug/l	96
10) Methyl Iodide	4.583	142	90140	61.816	ug/l	94
11) Tert butyl alcohol	5.536	59	91653	227.373	ug/l	99
12) 1,1-Dichloroethene	4.336	96	80595	46.720	ug/l	85
13) Acrolein	4.183	56	84768	220.457	ug/l	99
14) Allyl chloride	5.030	41	121979	44.326	ug/l	94
15) Acrylonitrile	5.724	53	250310	239.482	ug/l	98
16) Acetone	4.436	43	191819	206.861	ug/l	97
17) Carbon Disulfide	4.712	76	224600	41.658	ug/l	99
18) Methyl Acetate	5.030	43	183669	48.194	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	296065	50.043	ug/l	98
20) Methylene Chloride	5.283	84	98984	43.865	ug/l	87
21) trans-1,2-Dichloroethene	5.795	96	93298	46.623	ug/l	87
22) Diisopropyl ether	6.677	45	307913	50.997	ug/l #	88
23) Vinyl Acetate	6.606	43	916872	246.883	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	179651	48.266	ug/l	98
25) 2-Butanone	7.489	43	323530	240.467	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	129399	42.365	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	109391	47.807	ug/l	91
28) Bromochloromethane	7.818	49	87962	52.269	ug/l	83
29) Tetrahydrofuran	7.841	42	216319	252.651	ug/l #	81
30) Chloroform	7.971	83	184296	47.556	ug/l	94
31) Cyclohexane	8.259	56	146162	45.847	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	159039	48.144	ug/l	98
36) 1,1-Dichloropropene	8.377	75	135955	47.997	ug/l	97
37) Ethyl Acetate	7.565	43	132963	47.062	ug/l #	95
38) Carbon Tetrachloride	8.365	117	138109	47.116	ug/l	98
39) Methylcyclohexane	9.606	83	141780	50.743	ug/l #	89
40) Benzene	8.612	78	413086	47.639	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	72929	51.196	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	139622	46.772	ug/l	99
43) Isopropyl Acetate	8.694	43	218034	47.296	ug/l #	92
44) Trichloroethene	9.359	130	101605	47.566	ug/l	96
45) 1,2-Dichloropropane	9.630	63	106067	49.288	ug/l	97
46) Dibromomethane	9.712	93	71351	48.841	ug/l	93
47) Bromodichloromethane	9.894	83	142891	47.754	ug/l	96
48) Methyl methacrylate	9.688	41	103253	50.004	ug/l #	82
49) 1,4-Dioxane	9.700	88	44001	1036.022	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	673403	251.641	ug/l	94
52) Toluene	10.635	92	260186	48.825	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	154314	48.910	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	167017	49.493	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	100329	47.981	ug/l	97
56) Ethyl methacrylate	10.882	69	159745	54.120	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	176481	48.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	296250	239.813	ug/l	92
59) 2-Hexanone	11.200	43	489542	252.571	ug/l	94
60) Dibromochloromethane	11.365	129	107614	48.358	ug/l	99
61) 1,2-Dibromoethane	11.477	107	102124	48.940	ug/l	99
64) Tetrachloroethene	11.106	164	85035	46.992	ug/l	95
65) Chlorobenzene	11.894	112	265946	47.305	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	100538	47.690	ug/l	97
67) Ethyl Benzene	11.971	91	485571	50.495	ug/l	98
68) m/p-Xylenes	12.076	106	368606	102.839	ug/l	95
69) o-Xylene	12.400	106	180234	52.430	ug/l	95
70) Styrene	12.418	104	298524	53.995	ug/l	98
71) Bromoform	12.582	173	76008	48.838	ug/l #	99
73) Isopropylbenzene	12.700	105	459316	45.785	ug/l	100
74) N-amyl acetate	12.500	43	176590	46.397	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	151101	40.448	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	135573m	45.620	ug/l	
77) Bromobenzene	12.982	156	109271	43.016	ug/l	99
78) n-propylbenzene	13.041	91	532537	47.255	ug/l	99
79) 2-Chlorotoluene	13.129	91	326086	44.240	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	379459	45.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	45561	42.149	ug/l	92
82) 4-Chlorotoluene	13.223	91	314963	45.476	ug/l	100
83) tert-Butylbenzene	13.441	119	325702	47.099	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	379108	47.621	ug/l	100
85) sec-Butylbenzene	13.623	105	449166	47.180	ug/l	100
86) p-Isopropyltoluene	13.735	119	364345	47.903	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	188677	45.285	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	186195	44.226	ug/l	99
89) n-Butylbenzene	14.059	91	298288	49.872	ug/l	99
90) Hexachloroethane	14.341	117	66003	42.732	ug/l	79
91) 1,2-Dichlorobenzene	14.112	146	185547	45.112	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27168	47.840	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	80928	54.753	ug/l	97
94) Hexachlorobutadiene	15.500	225	45315	38.973	ug/l	99
95) Naphthalene	15.647	128	246212	56.086	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	83840	48.087	ug/l	97

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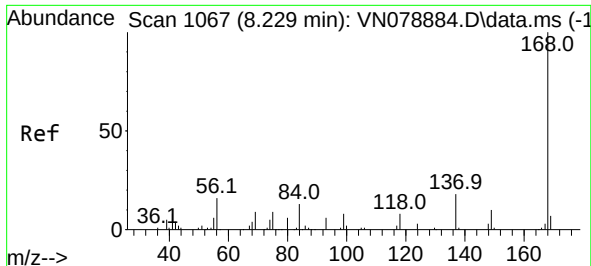
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

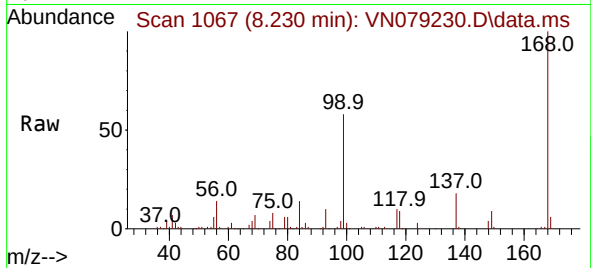
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

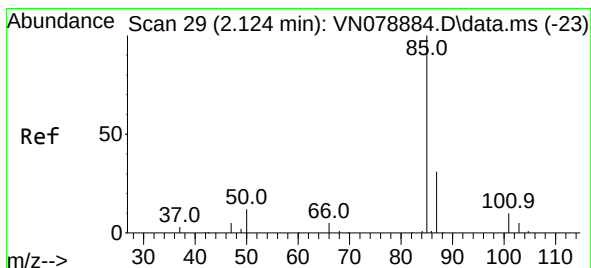
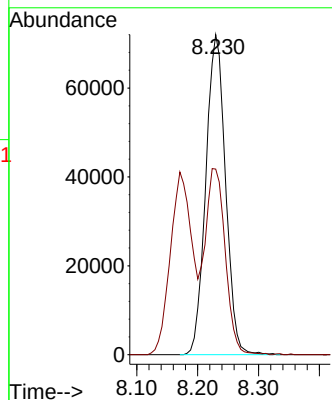
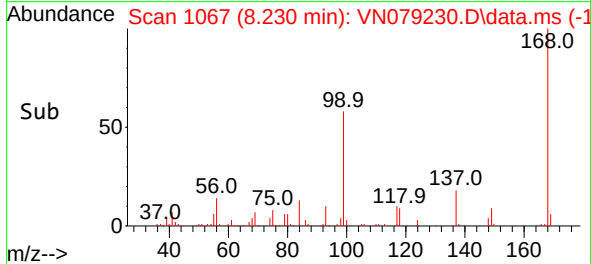
Instrument :
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Tgt Ion:168 Resp: 16174
Ion Ratio Lower Upper
168 100
99 57.7 53.0 79.6

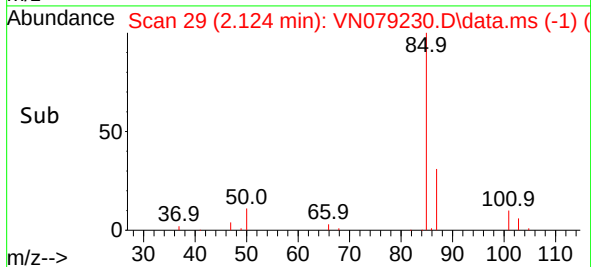
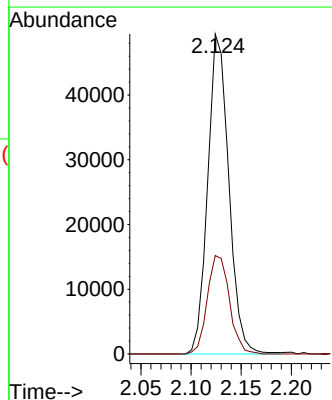
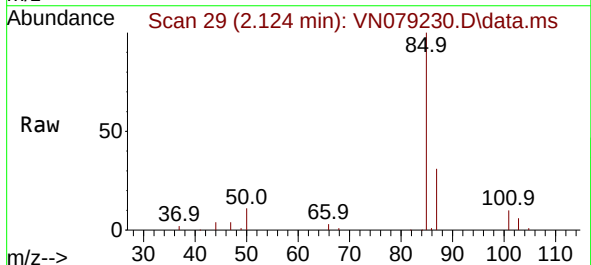
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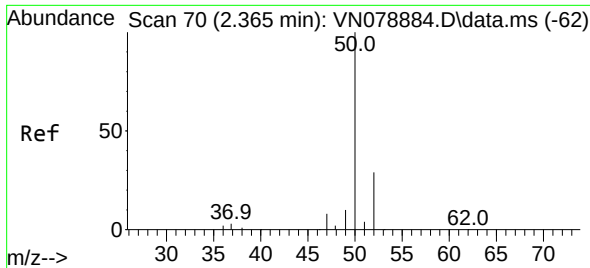
Reviewed By :John Carlone 09/12/2023
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#2
Dichlorodifluoromethane
Concen: 45.239 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Tgt Ion: 85 Resp: 72399
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





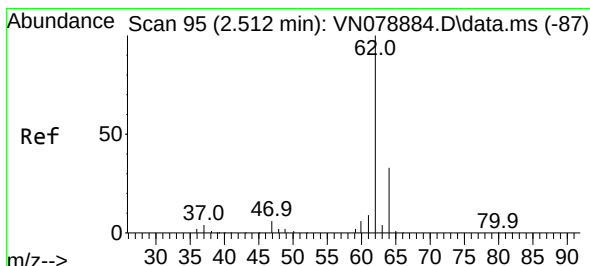
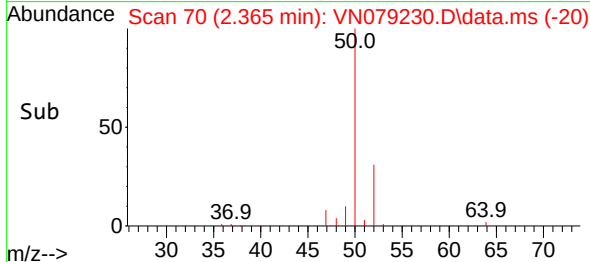
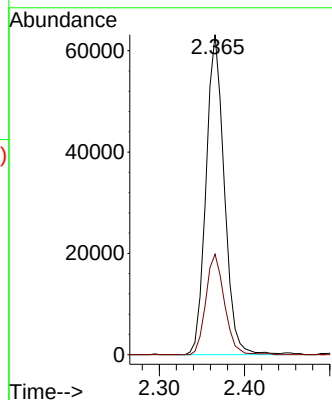
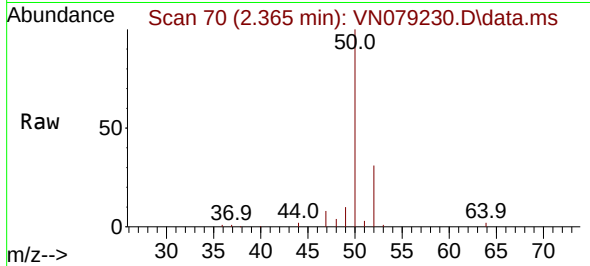
#3
Chloromethane
Concen: 44.749 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079230.D
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Tgt Ion: 50 Resp: 94010
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7

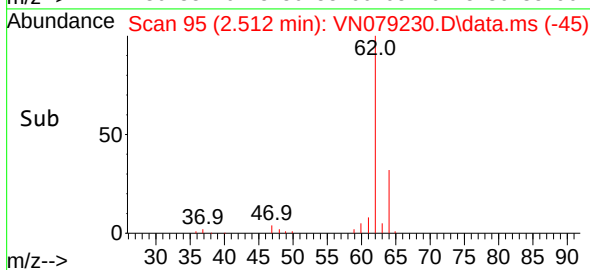
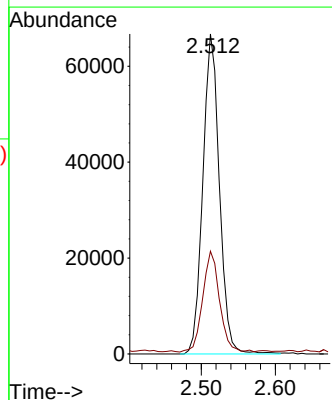
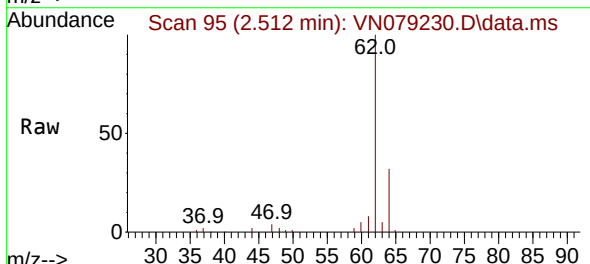
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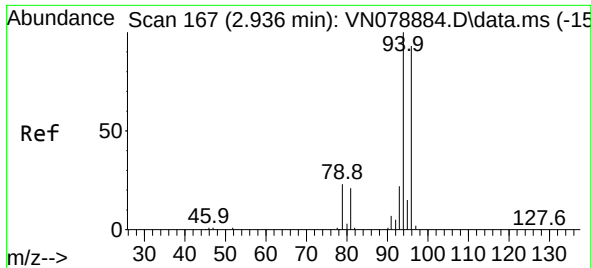
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 45.260 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Tgt Ion: 62 Resp: 103604
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





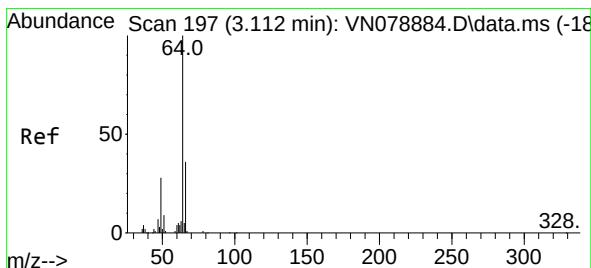
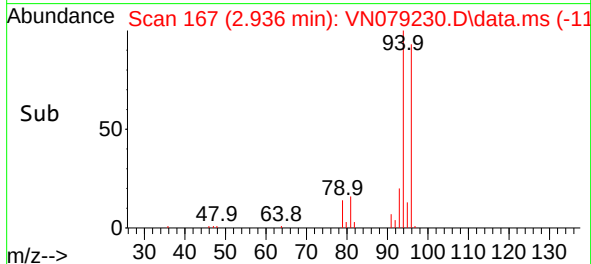
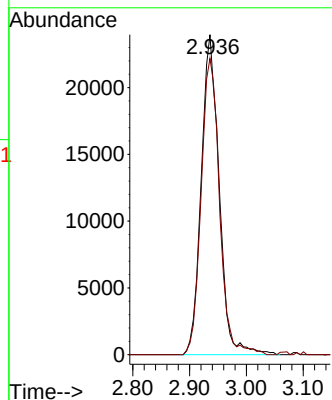
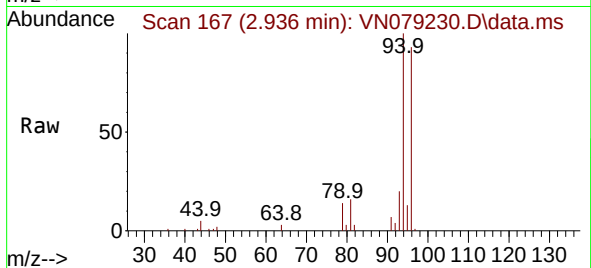
#5
Bromomethane
Concen: 39.874 ug/l
RT: 2.936 min Scan# 167
Delta R.T. -0.012 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 52460
Ion Ratio Lower Upper
94 100
96 92.6 73.1 109.7

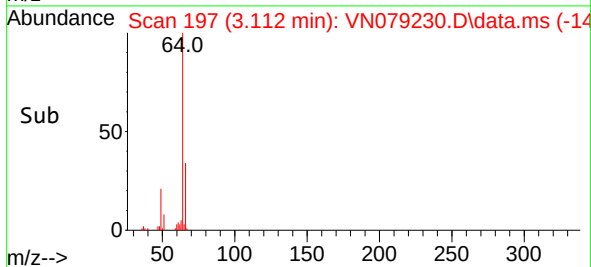
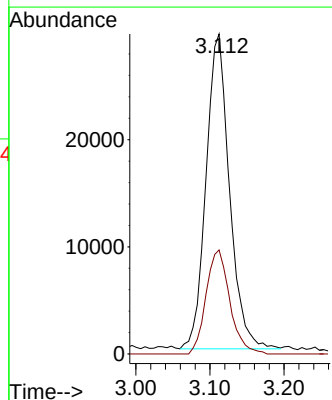
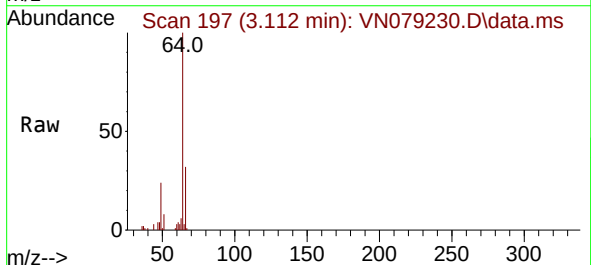
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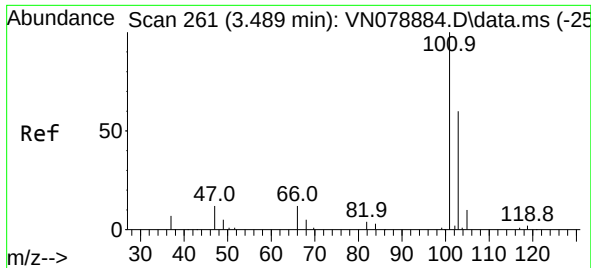
Reviewed By :John Carlone 09/12/2023
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#6
Chloroethane
Concen: 43.982 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
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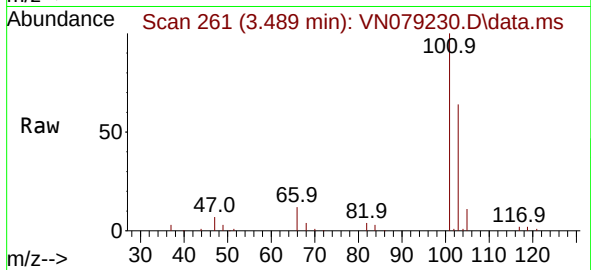
Tgt Ion: 64 Resp: 64566
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 44.217 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.012 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

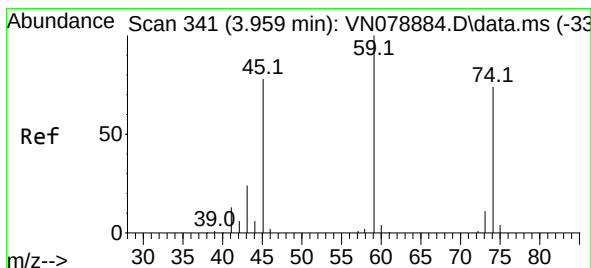
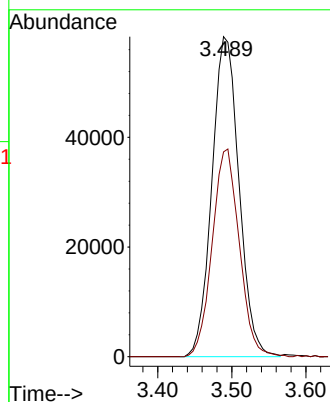
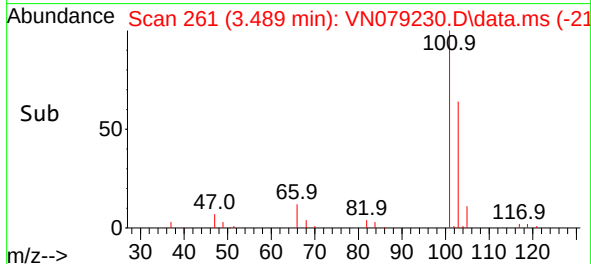
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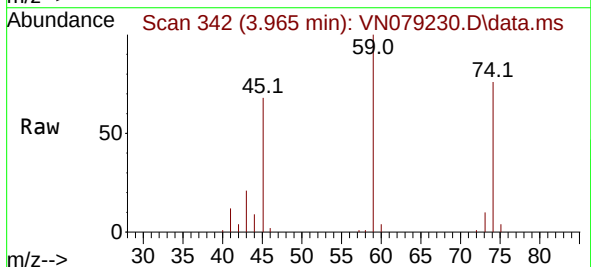
Tgt Ion:101 Resp: 14821
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

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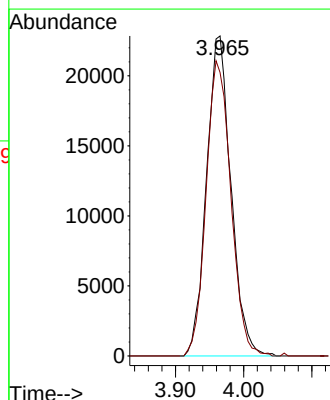
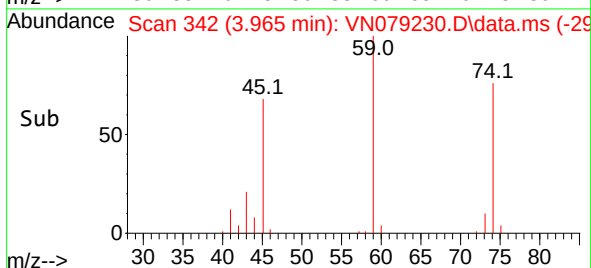
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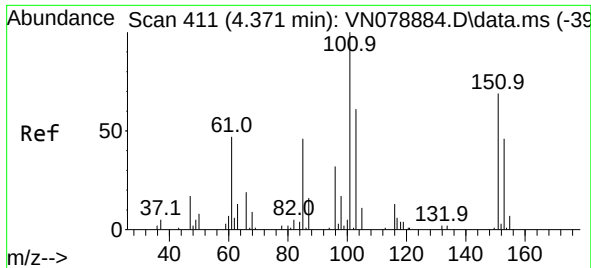


#8
Diethyl Ether
Concen: 49.034 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
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Acq: 11 Sep 2023 20:42



Tgt Ion: 74 Resp: 57048
Ion Ratio Lower Upper
74 100
45 93.4 34.4 103.3





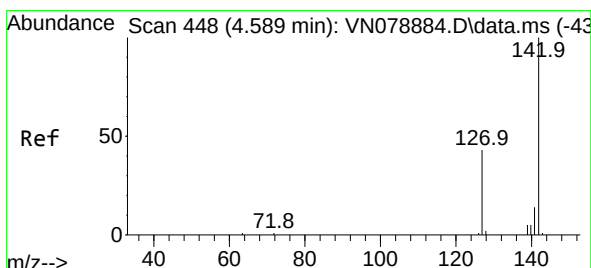
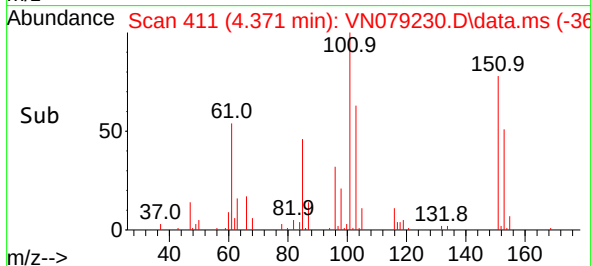
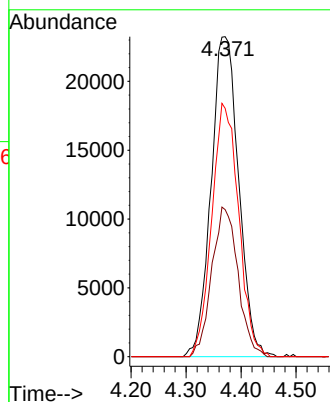
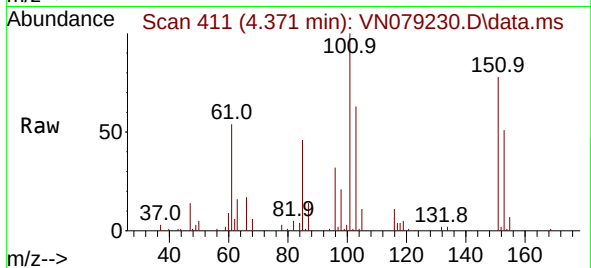
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.484 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8108
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 77.0 57.6 86.4

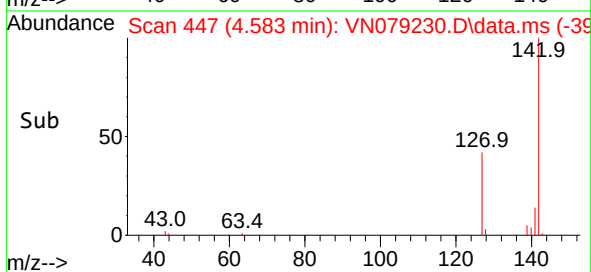
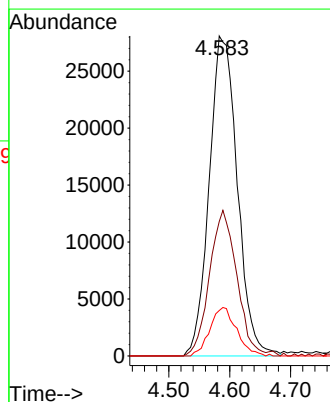
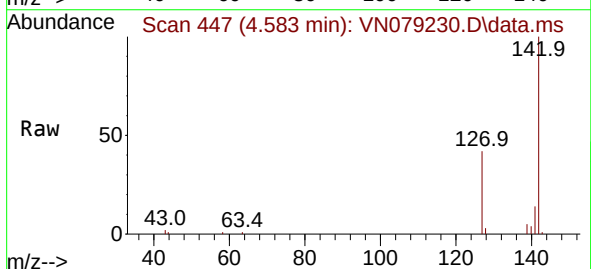
Manual Integrations
APPROVED

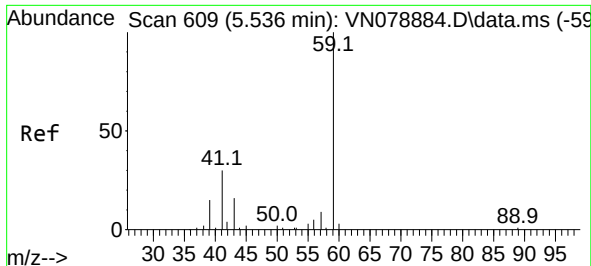
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 61.816 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.017 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

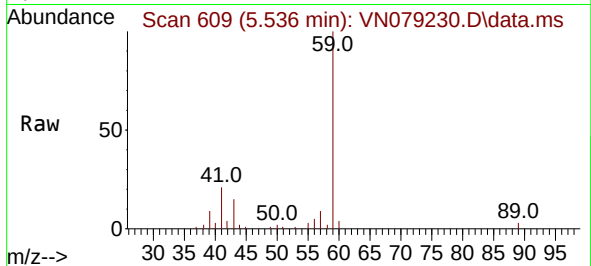
Tgt Ion:142 Resp: 90140
Ion Ratio Lower Upper
142 100
127 42.0 37.6 56.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 227.373 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

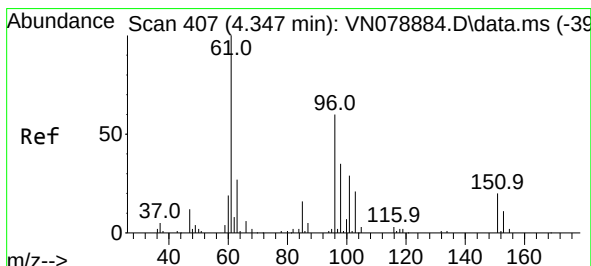
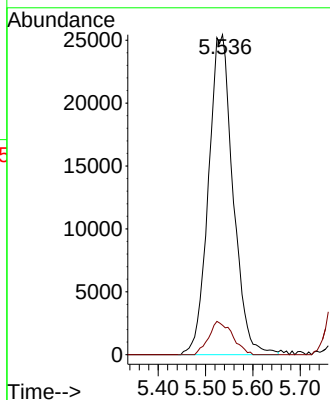
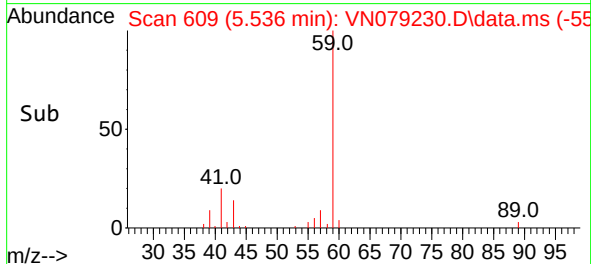
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



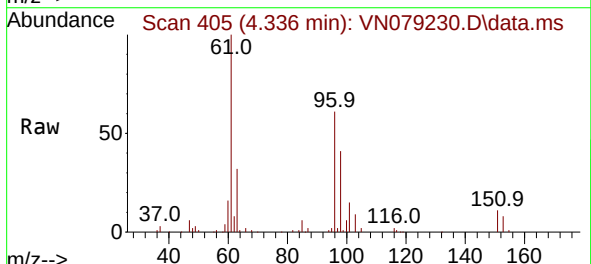
Tgt Ion: 59 Resp: 9165
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
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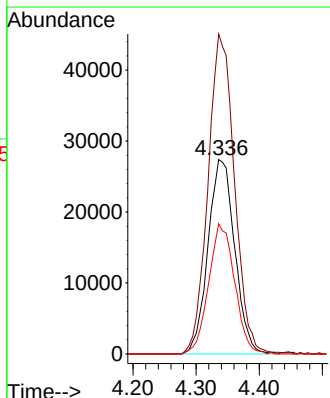
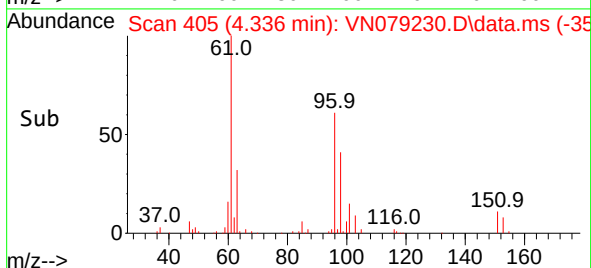
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

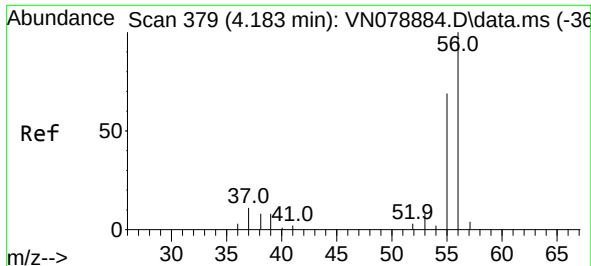


#12
1,1-Dichloroethene
Concen: 46.720 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



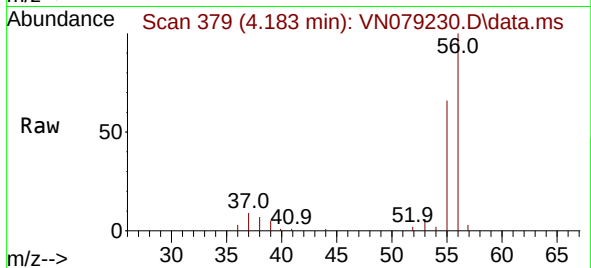
Tgt Ion: 96 Resp: 80595
Ion Ratio Lower Upper
96 100
61 164.7 112.7 169.1
98 67.0 51.2 76.8





#13
Acrolein
Concen: 220.457 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

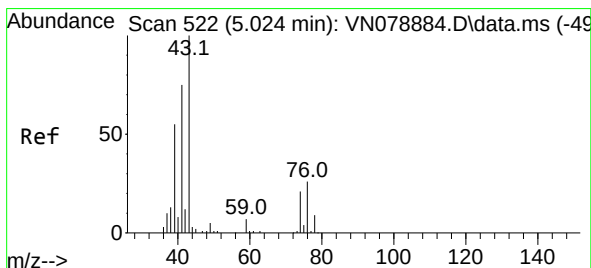
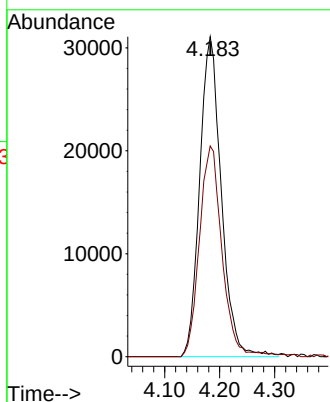
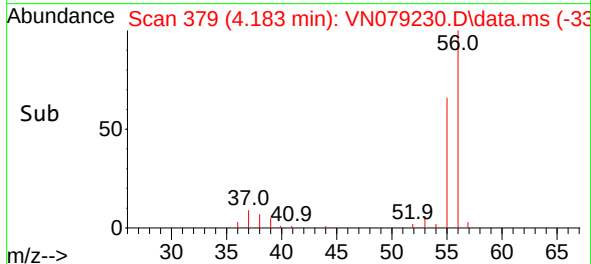
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 84768
Ion Ratio Lower Upper
56 100
55 68.8 54.5 81.7

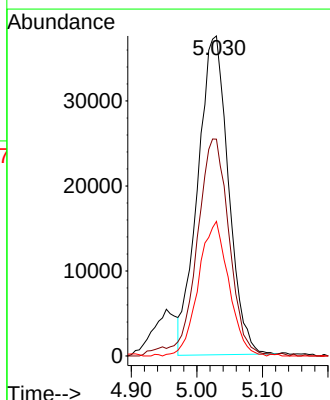
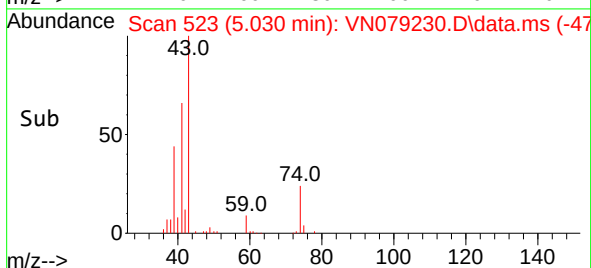
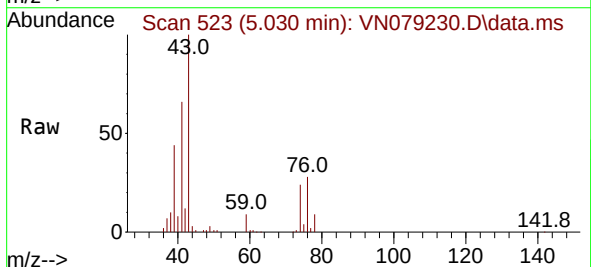
Manual Integrations
APPROVED

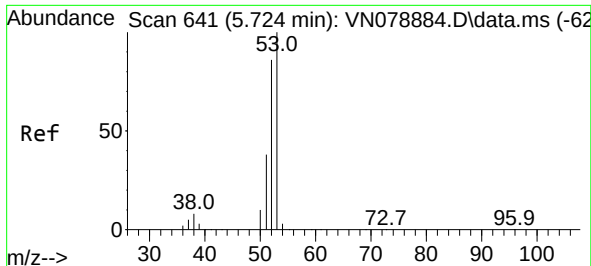
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Allyl chloride
Concen: 44.326 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

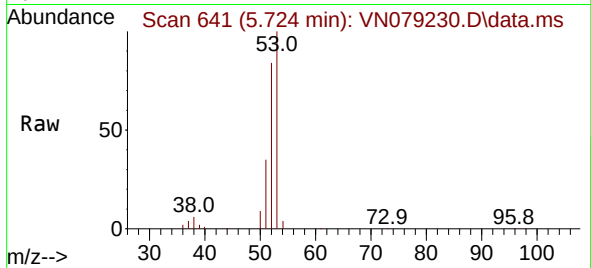
Tgt Ion: 41 Resp: 121979
Ion Ratio Lower Upper
41 100
39 71.7 58.8 88.2
76 41.7 39.1 58.7





#15
Acrylonitrile
Concen: 239.482 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

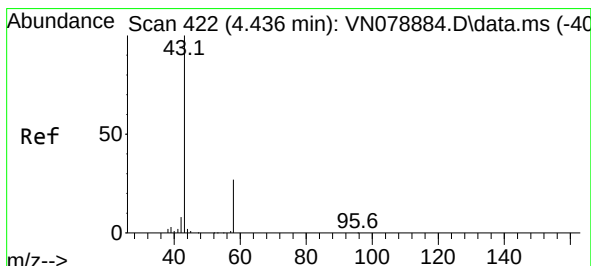
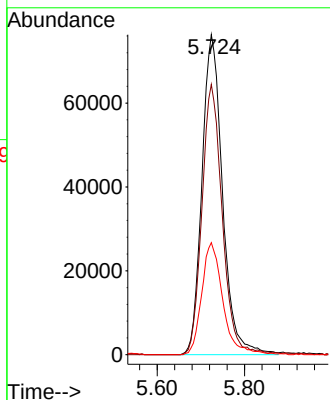
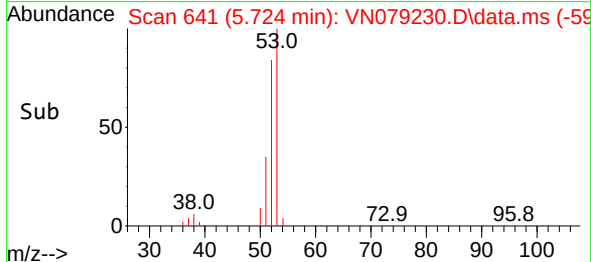
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 250310
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 35.9 28.9 43.3

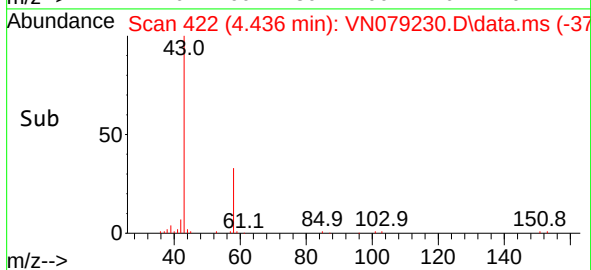
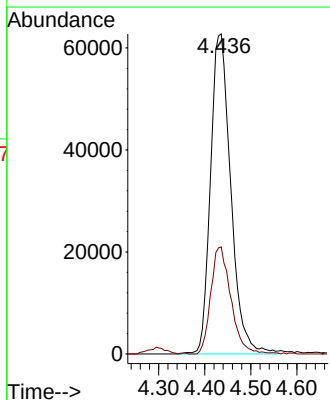
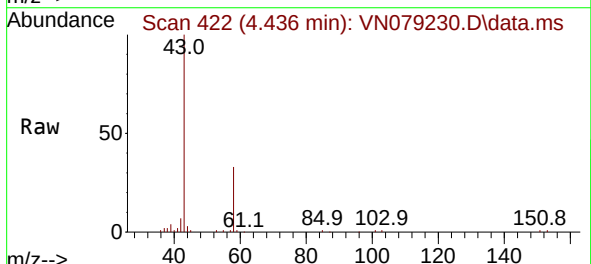
Manual Integrations
APPROVED

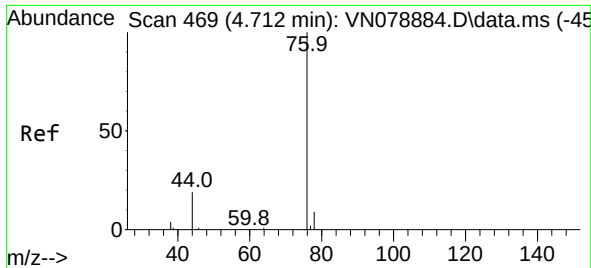
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
Acetone
Concen: 206.861 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

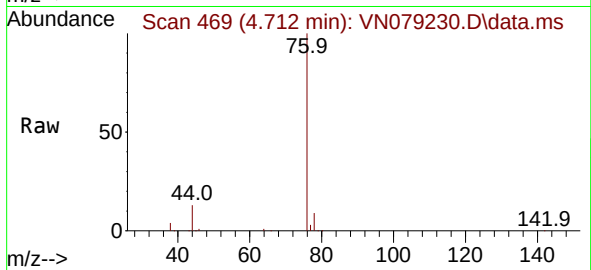
Tgt Ion: 43 Resp: 191819
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0





#17
Carbon Disulfide
Concen: 41.658 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

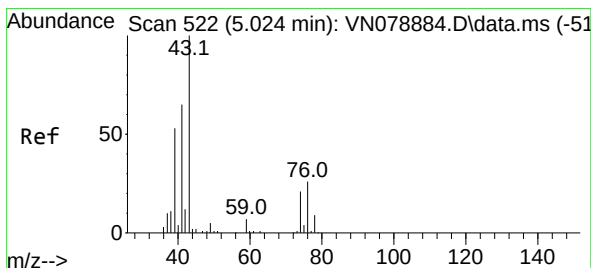
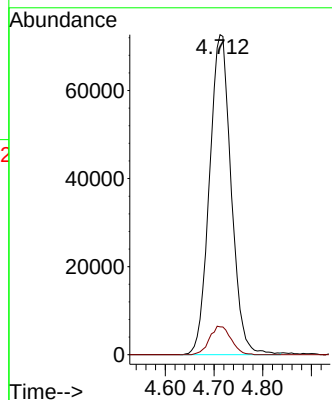
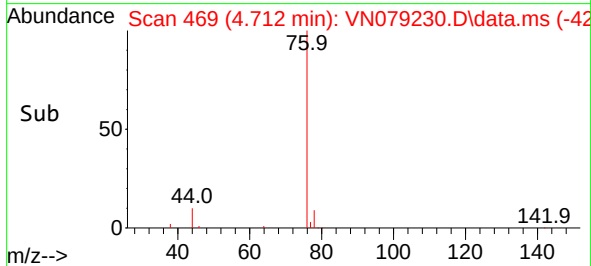
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 224600
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

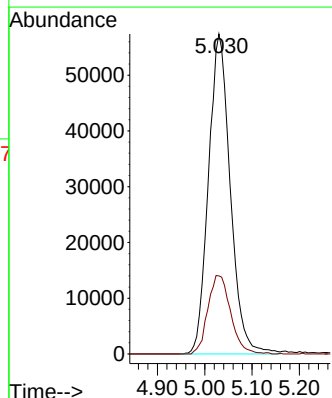
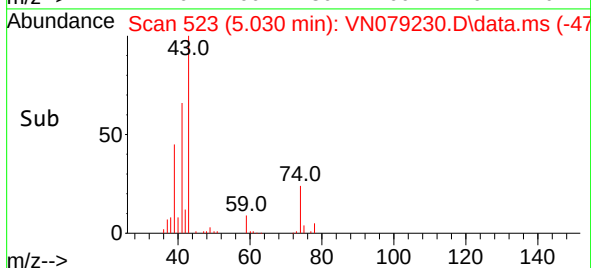
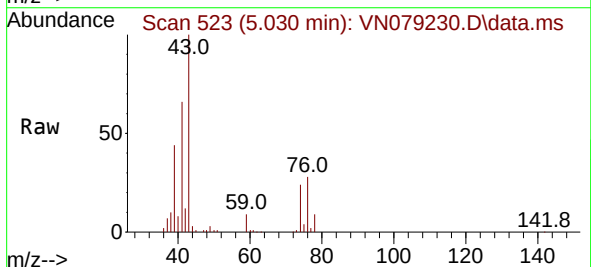
Manual Integrations
APPROVED

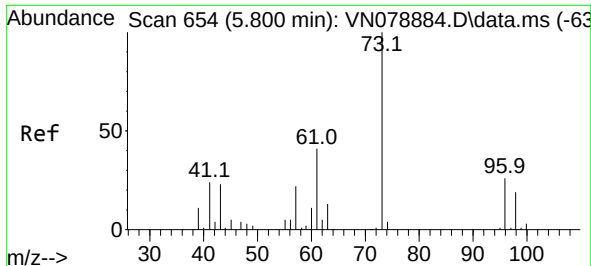
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#18
Methyl Acetate
Concen: 48.194 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Tgt Ion: 43 Resp: 183669
Ion Ratio Lower Upper
43 100
74 25.6 26.2 39.4#





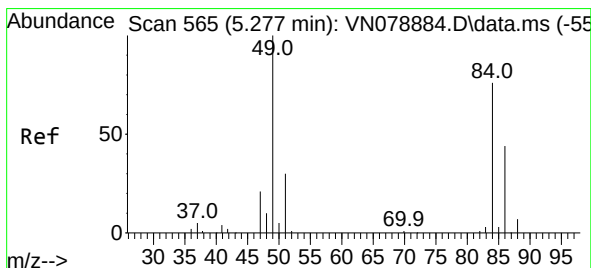
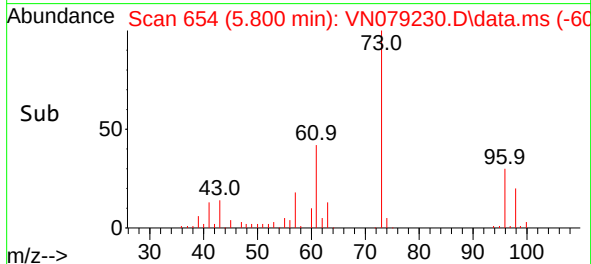
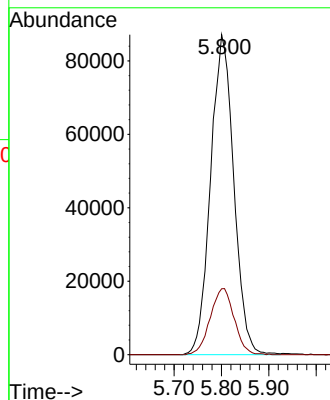
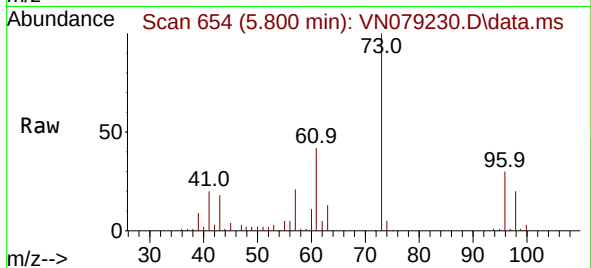
#19
Methyl tert-butyl Ether
Concen: 50.043 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 29606
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

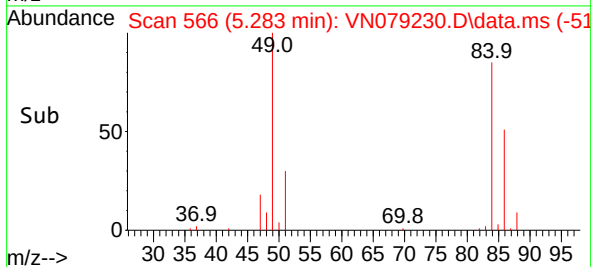
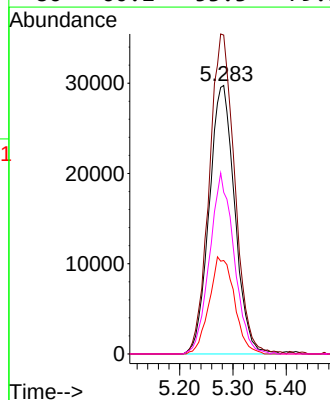
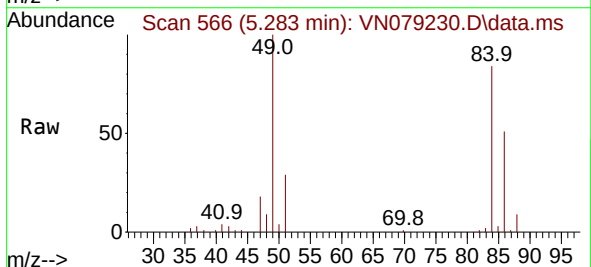
Manual Integrations
APPROVED

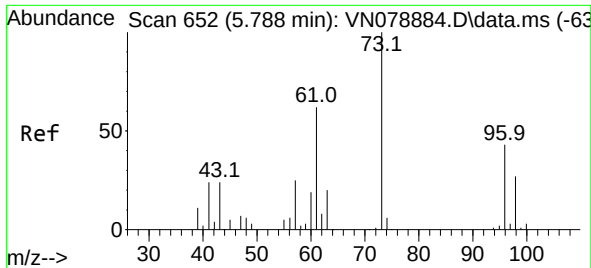
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 43.865 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Tgt Ion: 84 Resp: 98984
Ion Ratio Lower Upper
84 100
49 118.8 79.7 119.5
51 34.8 25.2 37.8
86 60.2 53.3 79.9





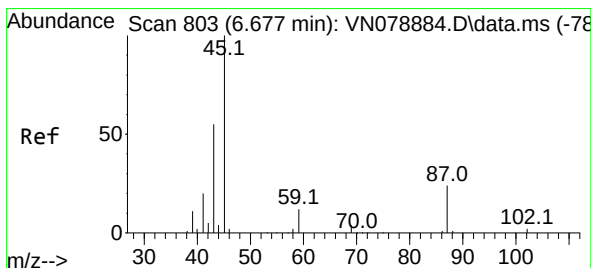
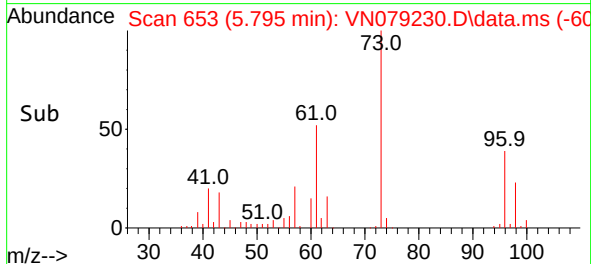
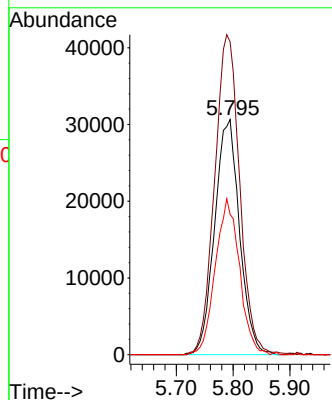
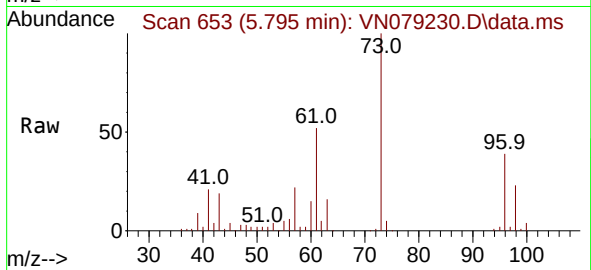
#21
trans-1,2-Dichloroethene
Concen: 46.623 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 93298
Ion Ratio Lower Upper
96 100
61 133.0 90.1 135.1
98 59.6 46.4 69.6

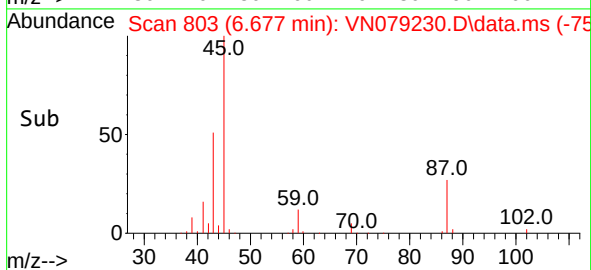
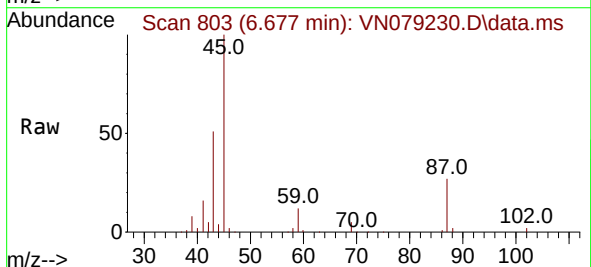
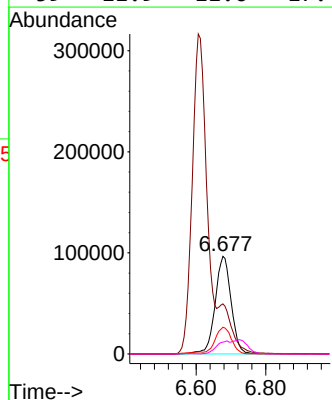
Manual Integrations
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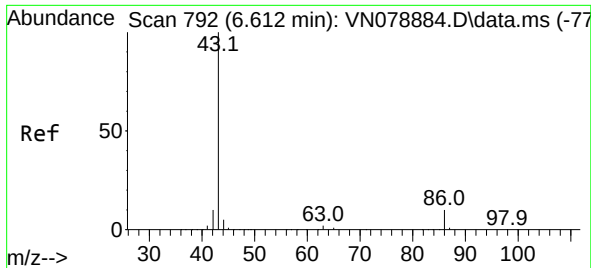
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 50.997 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Tgt Ion: 45 Resp: 307913
Ion Ratio Lower Upper
45 100
43 50.9 45.5 68.3
87 27.3 31.8 47.8#
59 11.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 246.883 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079230.D
 Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

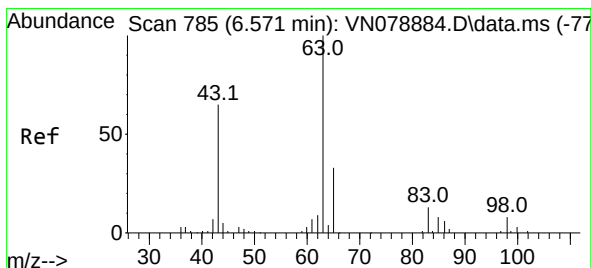
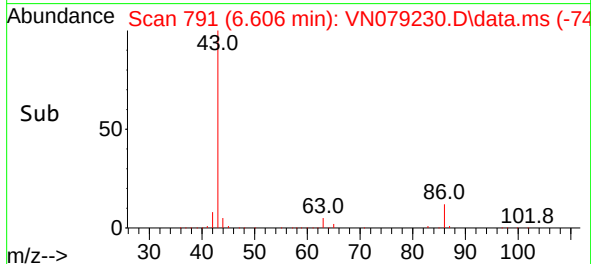
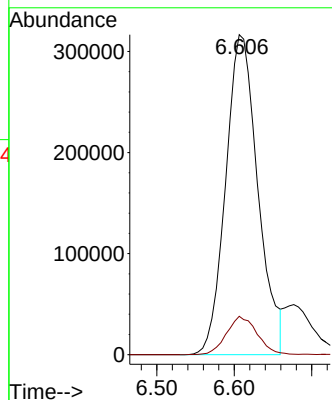
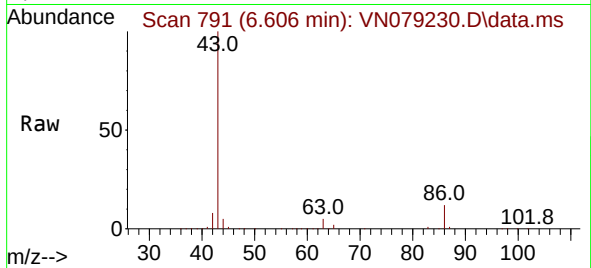
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 916872
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

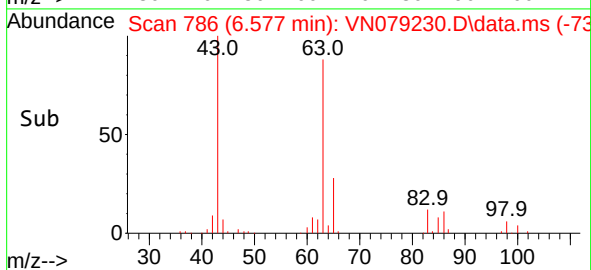
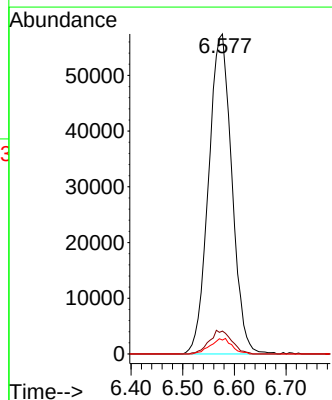
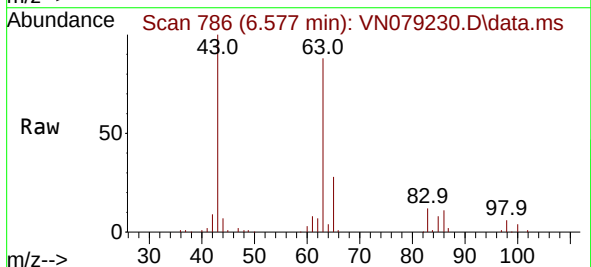
Manual Integrations
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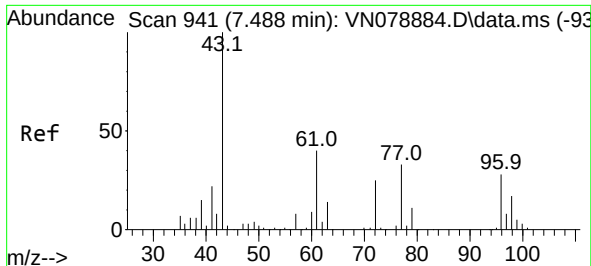
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#24
 1,1-Dichloroethane
 Concen: 48.266 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079230.D
 Acq: 11 Sep 2023 20:42

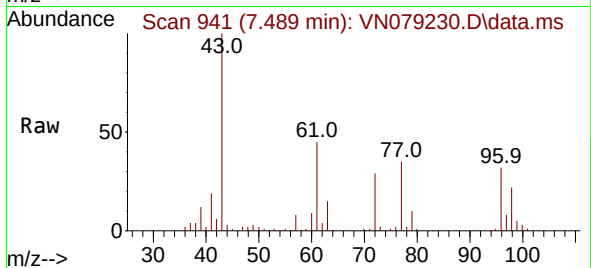
Tgt Ion: 63 Resp: 179651
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 240.467 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

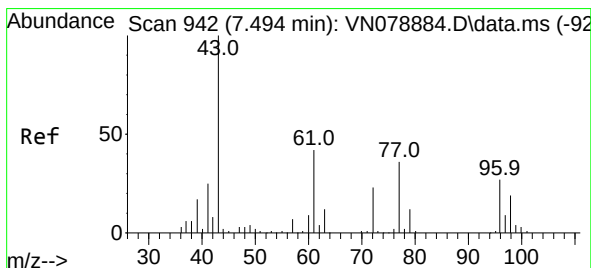
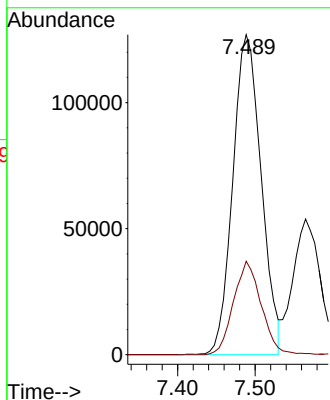
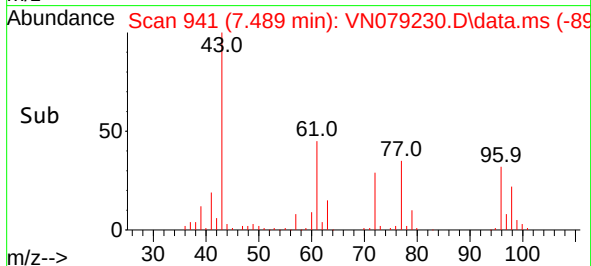
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



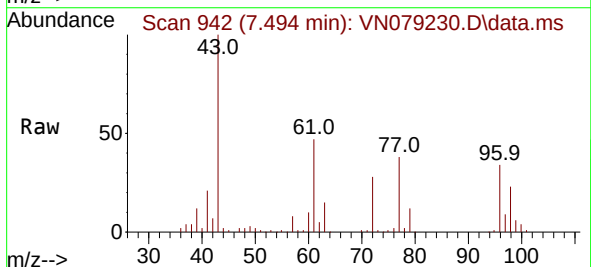
Tgt Ion: 43 Resp: 323530
Ion Ratio Lower Upper
43 100
72 29.2 30.2 45.2

Manual Integrations
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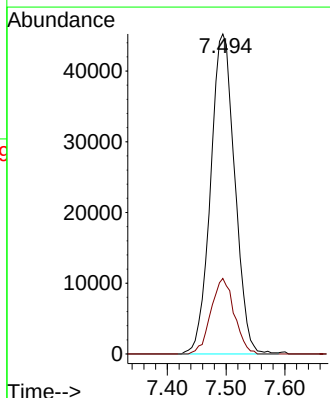
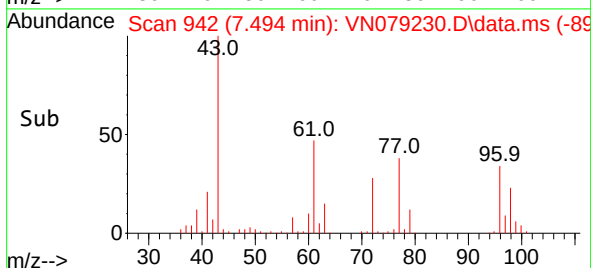
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

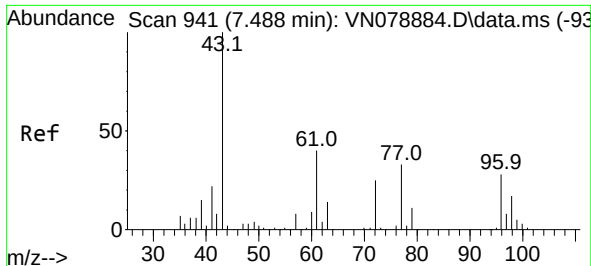


#26
2,2-Dichloropropane
Concen: 42.365 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



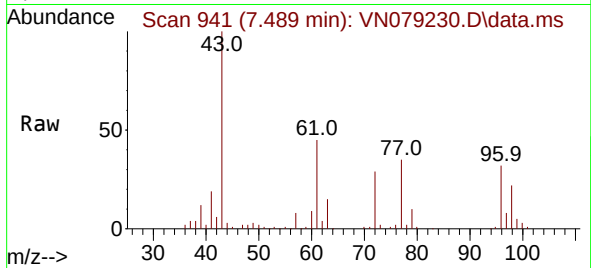
Tgt Ion: 77 Resp: 129399
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.807 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN079230.D
 Acq: 11 Sep 2023 20:42

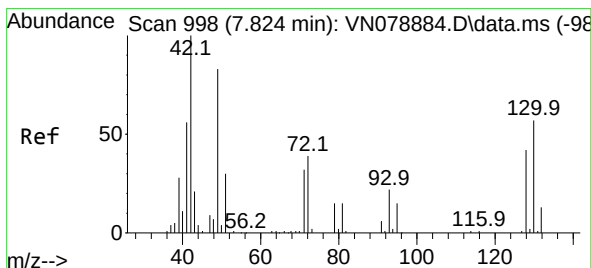
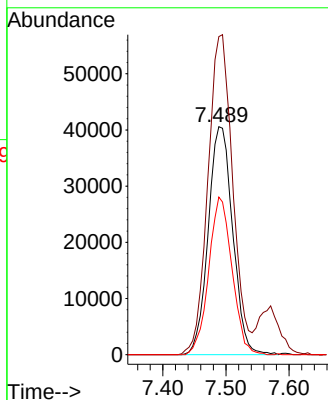
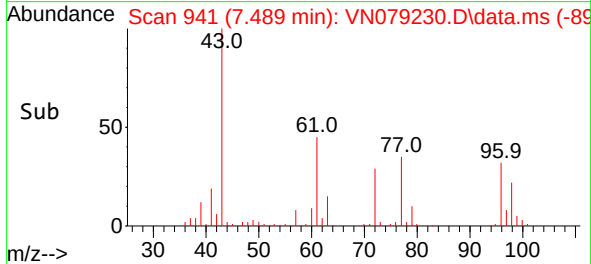
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 10939
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 255.2
 98 65.7 0.0 128.8

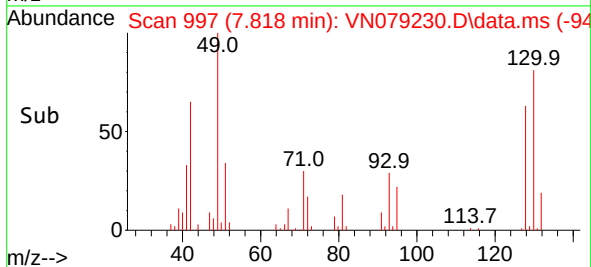
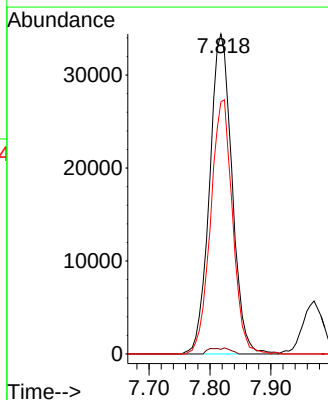
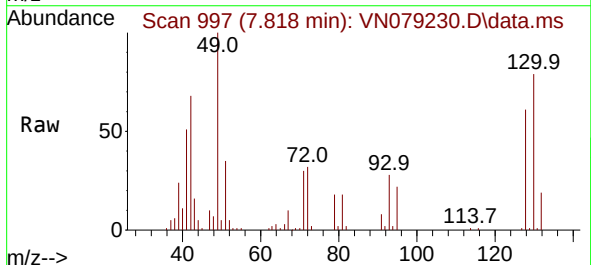
Manual Integrations
 APPROVED

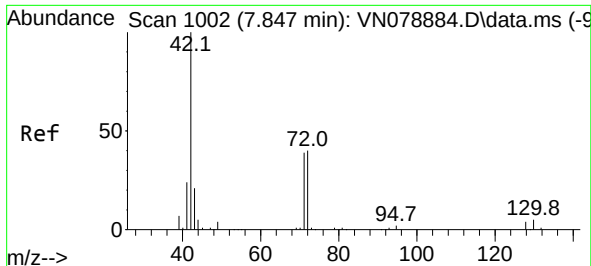
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#28
 Bromochloromethane
 Concen: 52.269 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079230.D
 Acq: 11 Sep 2023 20:42

Tgt Ion: 49 Resp: 87962
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 77.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 252.651 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079230.D

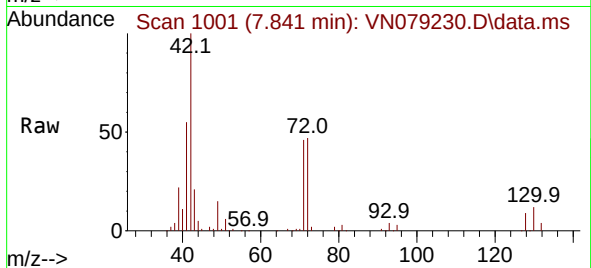
Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 216319

Ion Ratio Lower Upper

42 100

72 48.1 49.8 74.6

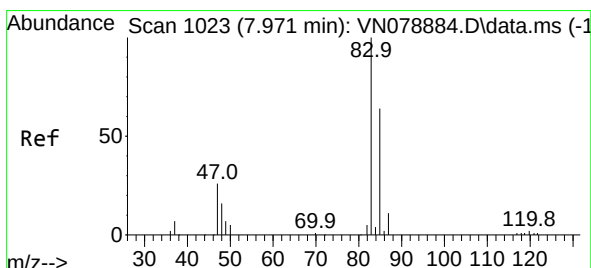
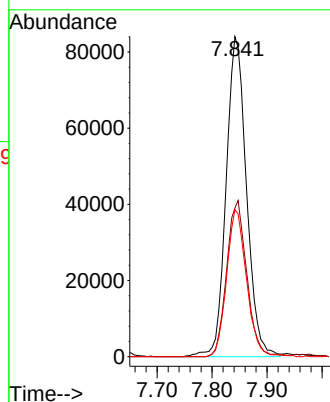
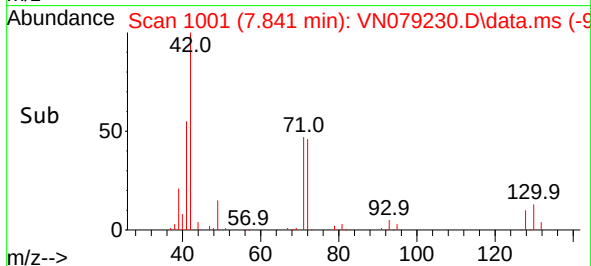
71 45.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Chloroform

Concen: 47.556 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079230.D

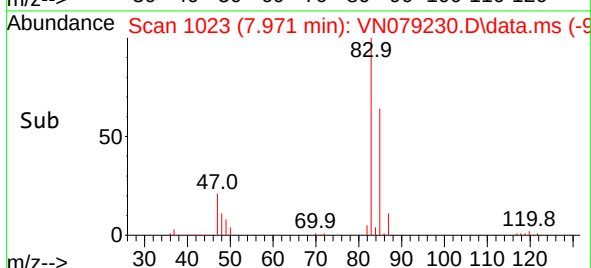
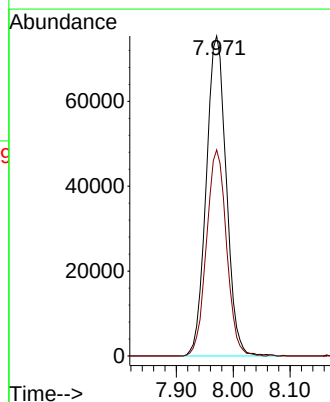
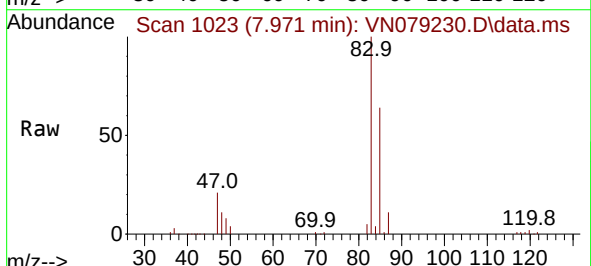
Acq: 11 Sep 2023 20:42

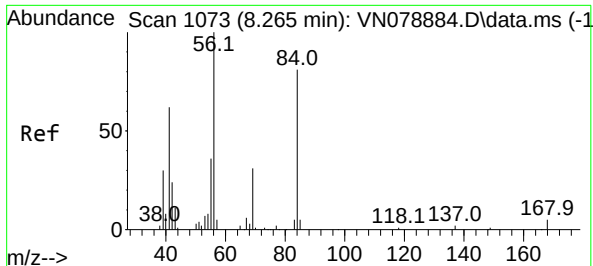
Tgt Ion: 83 Resp: 184296

Ion Ratio Lower Upper

83 100

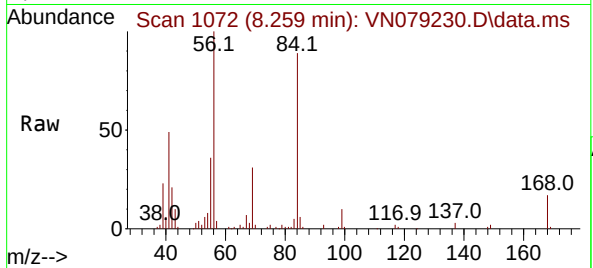
85 64.4 55.4 83.0





#31
Cyclohexane
Concen: 45.847 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

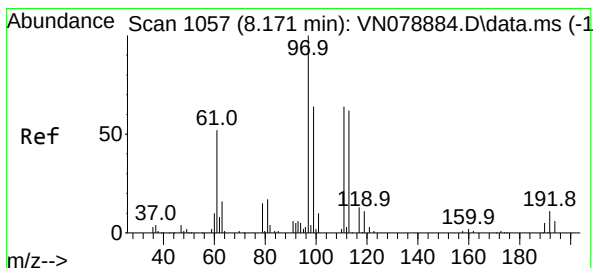
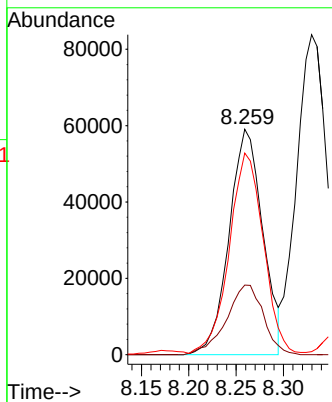
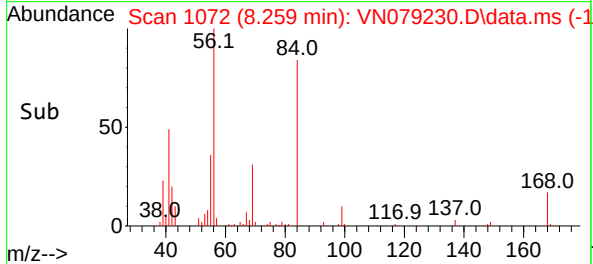
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



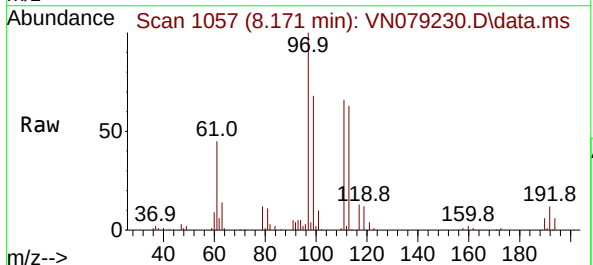
Tgt Ion: 56 Resp: 14616
Ion Ratio Lower Upper
56 100
69 30.6 26.8 40.2
84 88.1 81.8 122.6

Manual Integrations
APPROVED

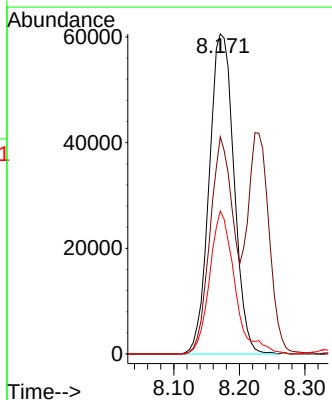
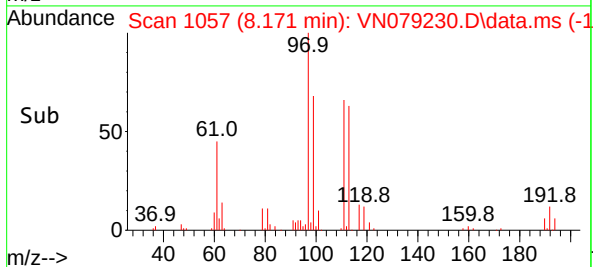
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

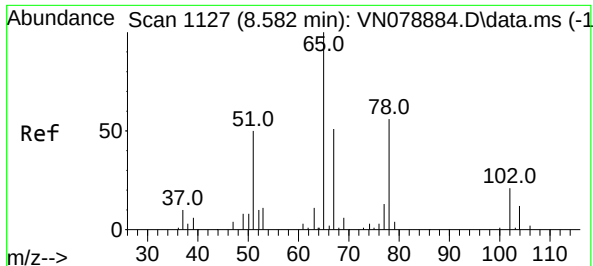


#32
1,1,1-Trichloroethane
Concen: 48.144 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



Tgt Ion: 97 Resp: 159039
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 45.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.344 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 109920

Ion Ratio Lower Upper

65 100

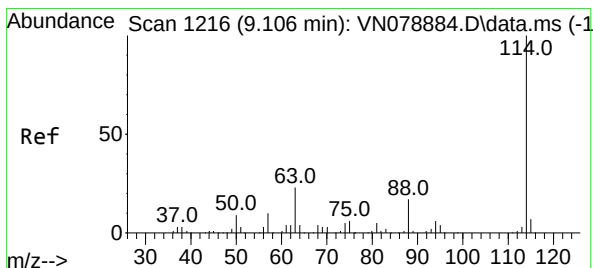
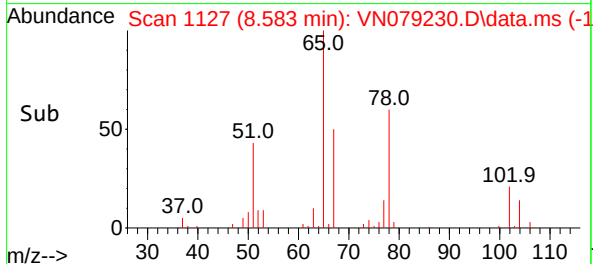
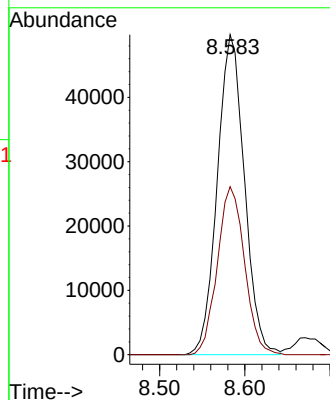
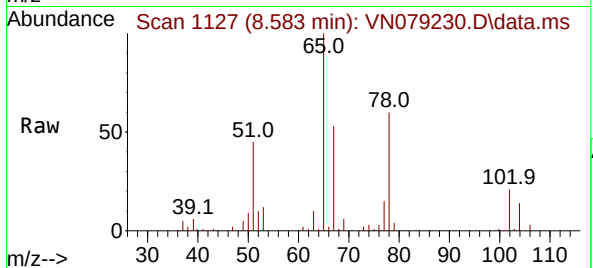
67 52.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

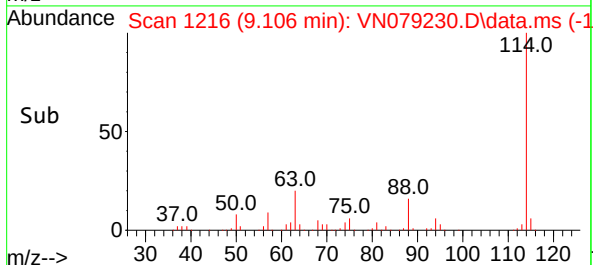
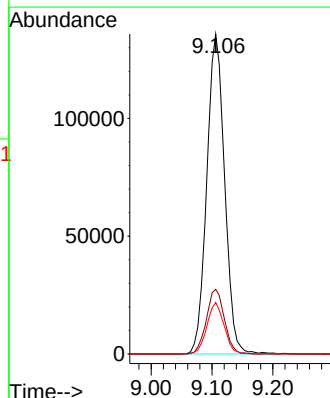
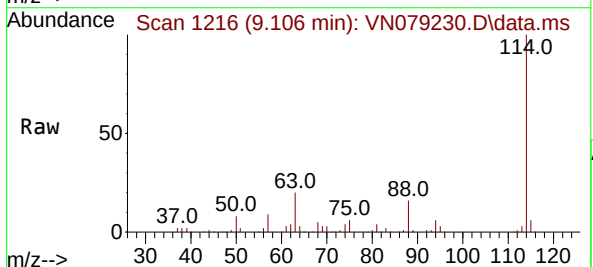
Tgt Ion:114 Resp: 276269

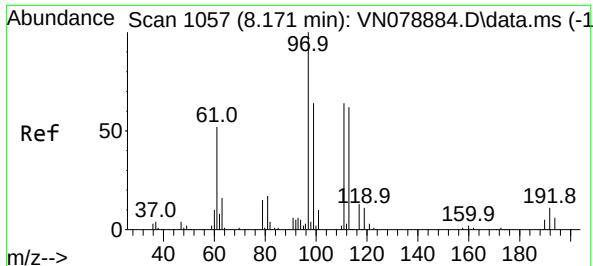
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.634 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

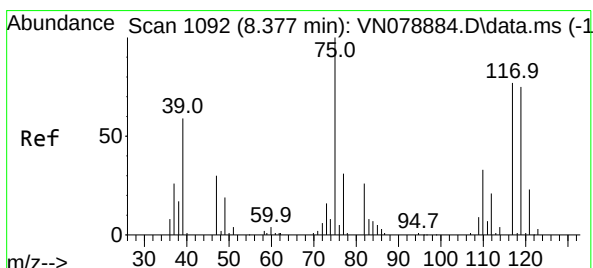
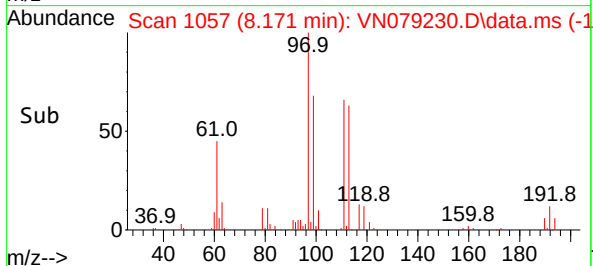
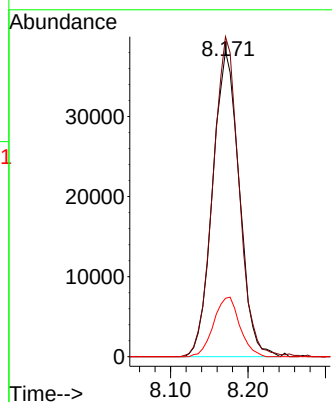
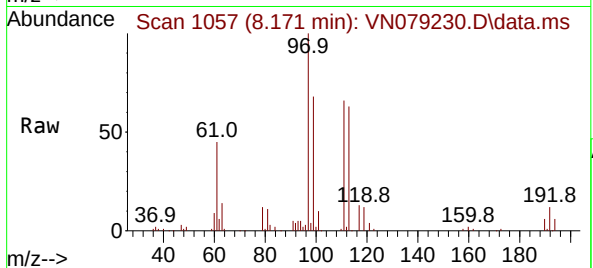
Tgt Ion:	113	Resp:	9121
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	123.8
192	19.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#36

1,1-Dichloropropene

Concen: 47.997 ug/l

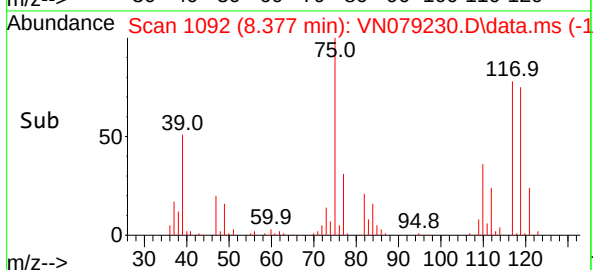
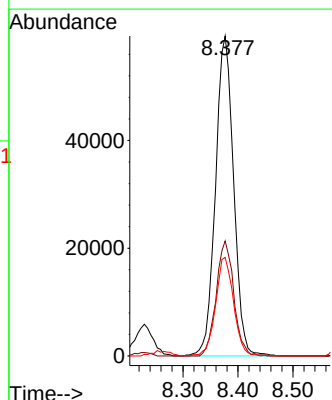
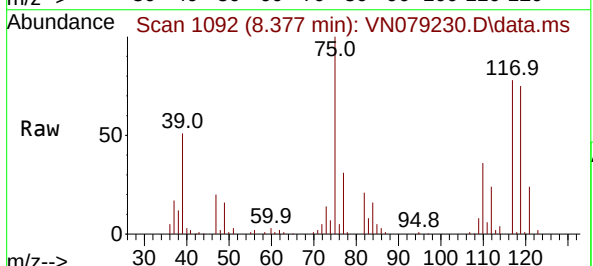
RT: 8.377 min Scan# 1092

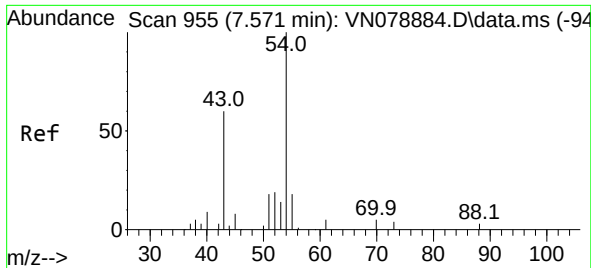
Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

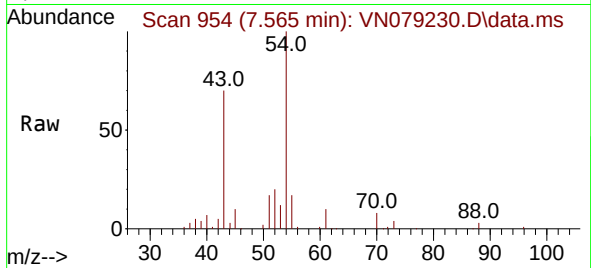
Tgt Ion:	75	Resp:	135955
Ion Ratio	Lower	Upper	
75	100		
110	35.0	19.1	57.3
77	30.5	25.0	37.4





#37
Ethyl Acetate
Concen: 47.062 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

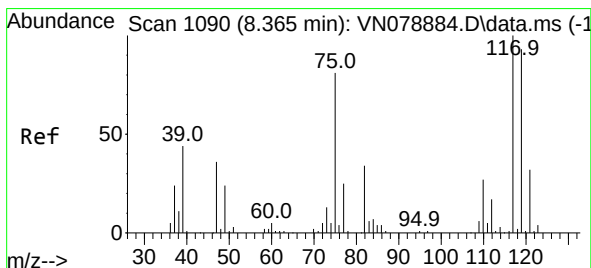
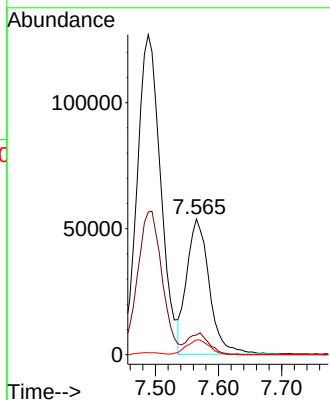
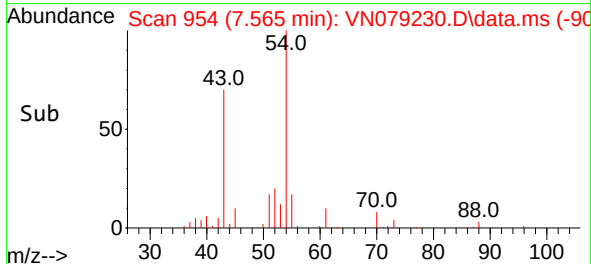
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 13296
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 11.3 11.3 16.9

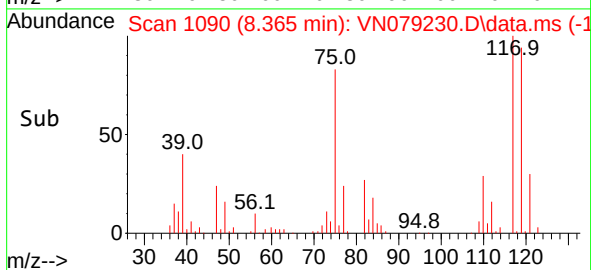
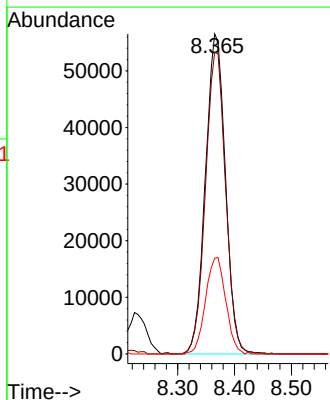
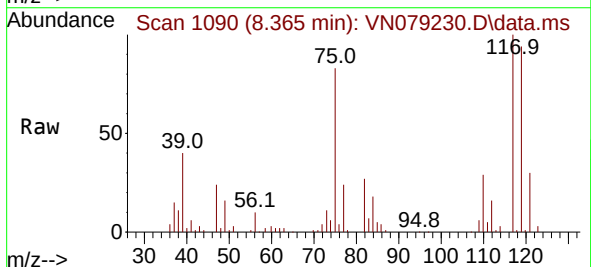
Manual Integrations
APPROVED

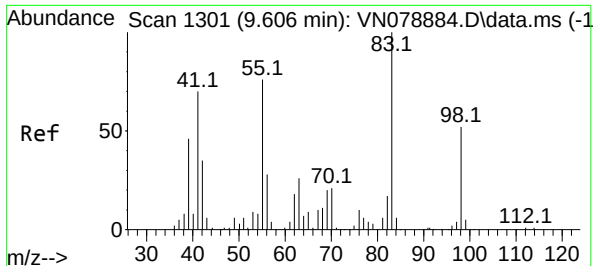
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#38
Carbon Tetrachloride
Concen: 47.116 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Tgt Ion:117 Resp: 138109
Ion Ratio Lower Upper
117 100
119 94.3 77.3 115.9
121 29.9 23.3 34.9





#39

Methylcyclohexane

Concen: 50.743 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 141780

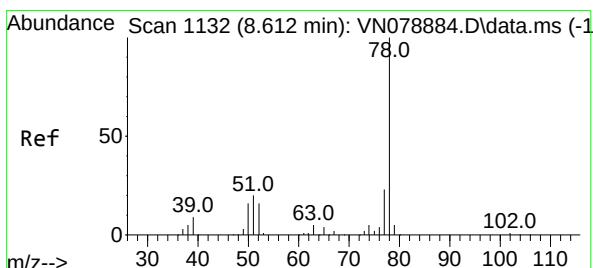
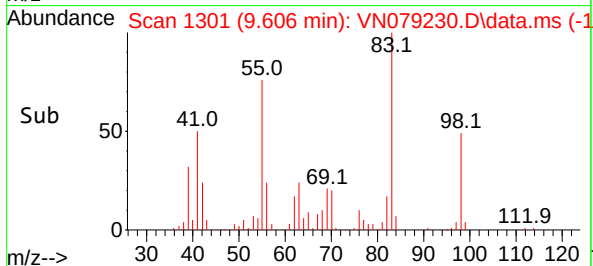
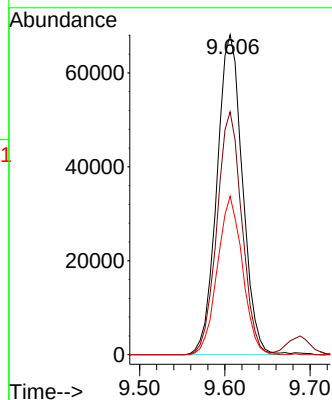
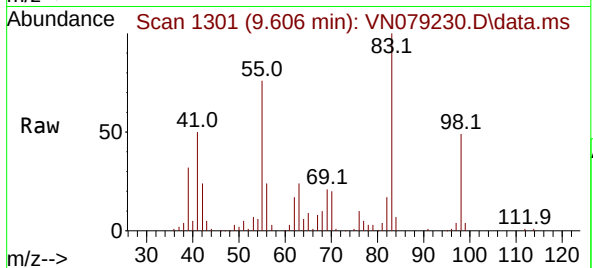
Ion	Ratio	Lower	Upper
83	100		
55	75.9	49.1	73.7
98	49.5	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#40

Benzene

Concen: 47.639 ug/l

RT: 8.612 min Scan# 1132

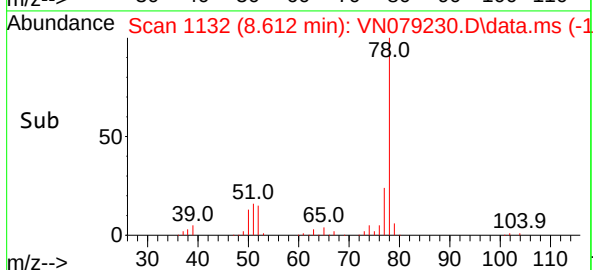
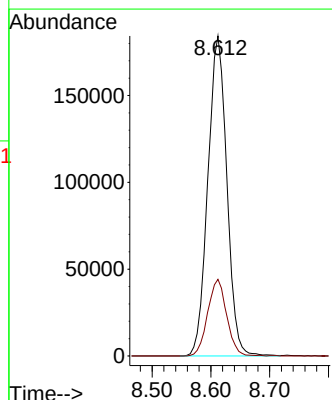
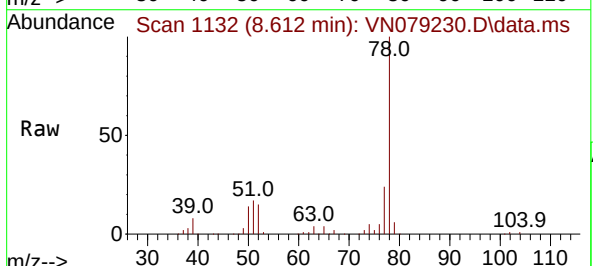
Delta R.T. -0.000 min

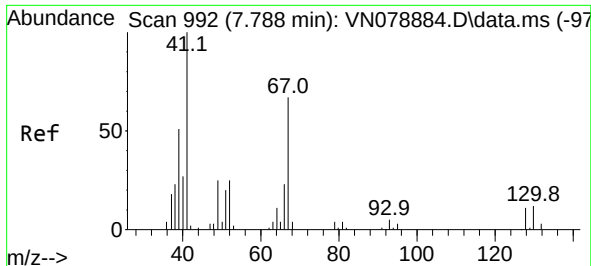
Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Tgt Ion: 78 Resp: 413086

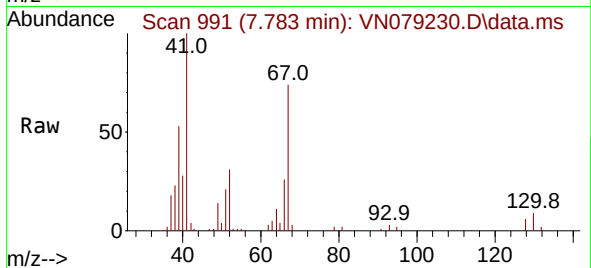
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





#41
Methacrylonitrile
Concen: 51.196 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

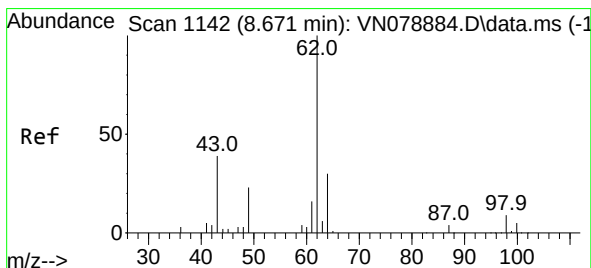
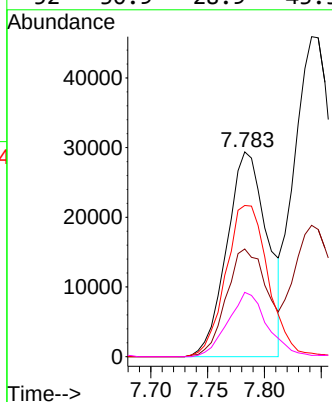
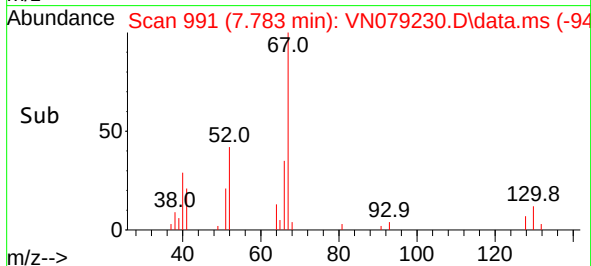
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	72929
Ion Ratio	100	Lower	Upper
39	53.4	42.6	64.0
67	77.3	77.5	116.3
52	30.9	28.9	43.3

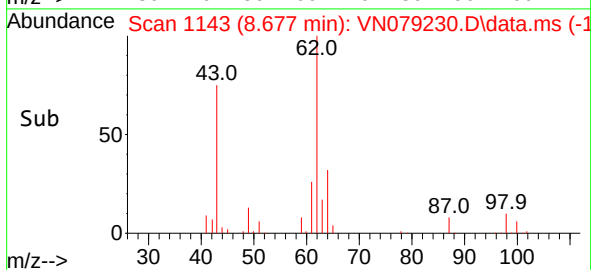
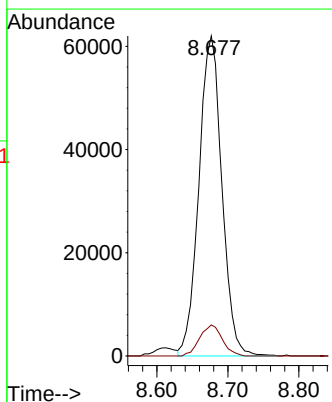
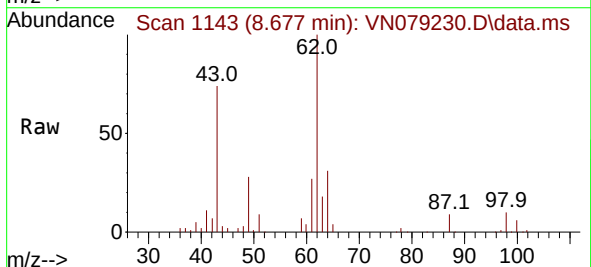
Manual Integrations
APPROVED

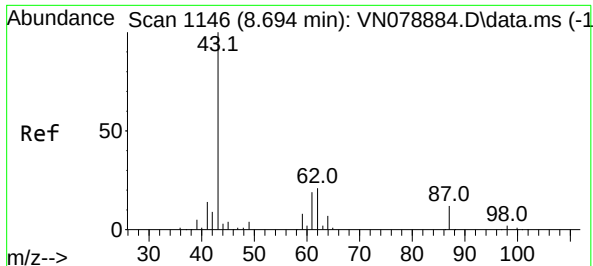
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 46.772 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

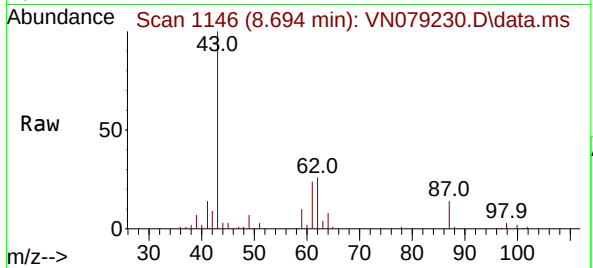
Tgt Ion:	62	Resp:	139622
Ion Ratio	100	Lower	Upper
98	9.5	0.0	19.8





#43
Isopropyl Acetate
Concen: 47.296 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

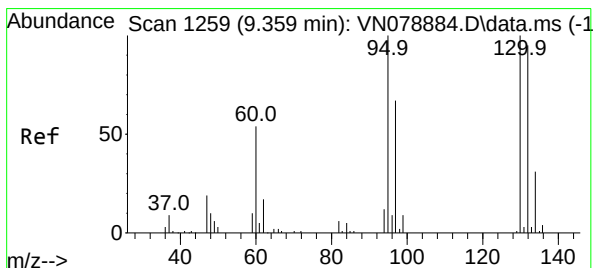
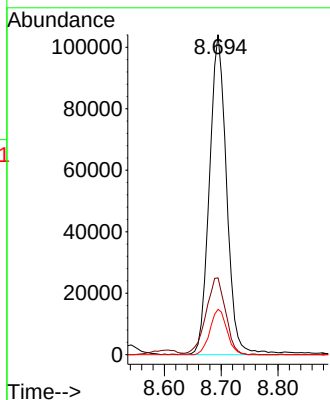
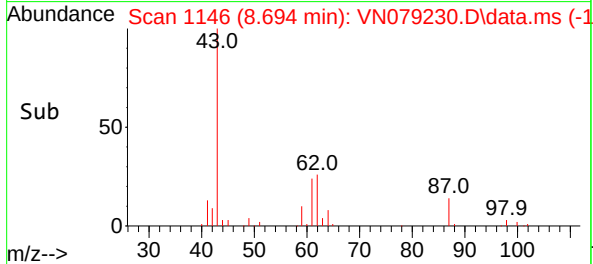
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 218034
Ion Ratio Lower Upper
43 100
61 27.5 24.7 37.1
87 13.9 14.6 21.8

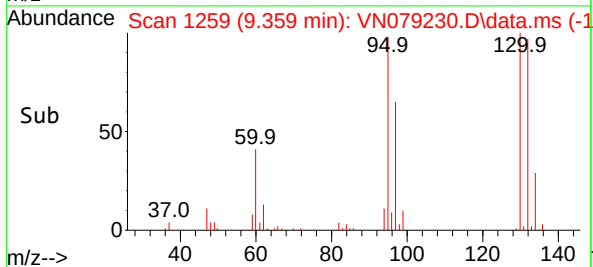
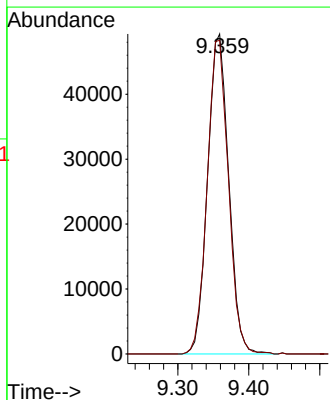
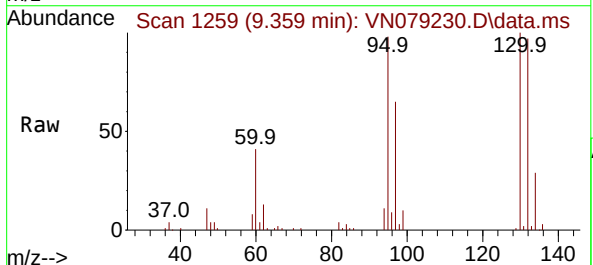
Manual Integrations
APPROVED

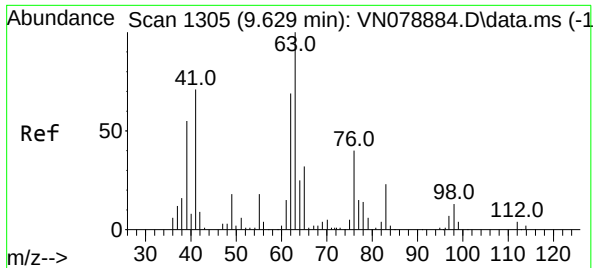
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#44
Trichloroethene
Concen: 47.566 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Tgt Ion:130 Resp: 101605
Ion Ratio Lower Upper
130 100
95 98.0 0.0 204.6





#45
1,2-Dichloropropane
Concen: 49.288 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

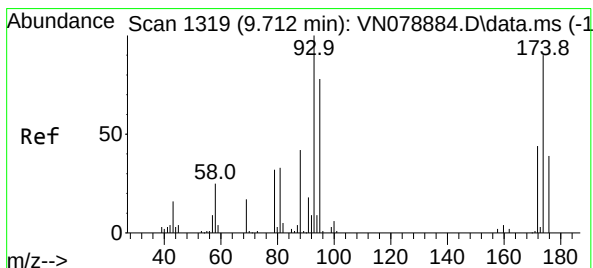
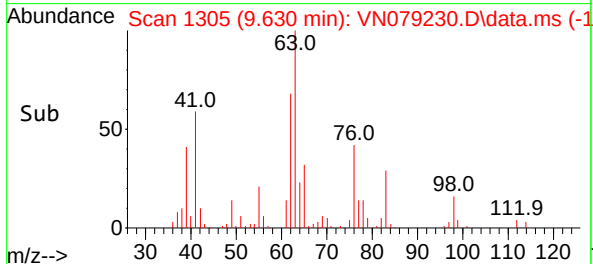
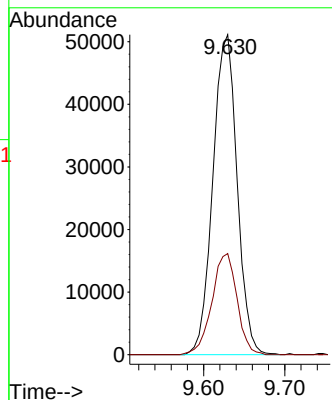
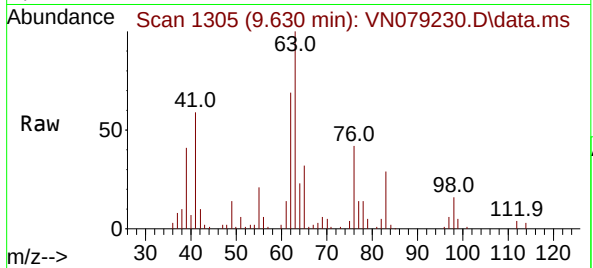
VSTDCCC050EC

Tgt Ion: 63 Resp: 10606
Ion Ratio Lower Upper
63 100
65 31.6 23.9 35.9

Manual Integrations

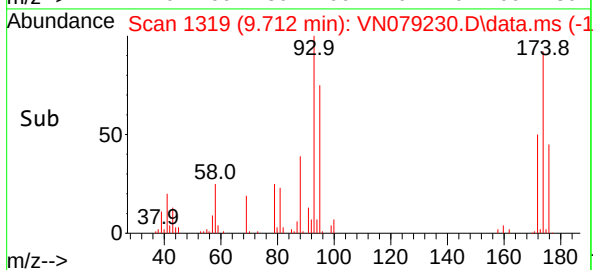
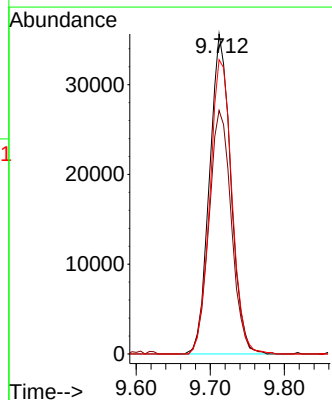
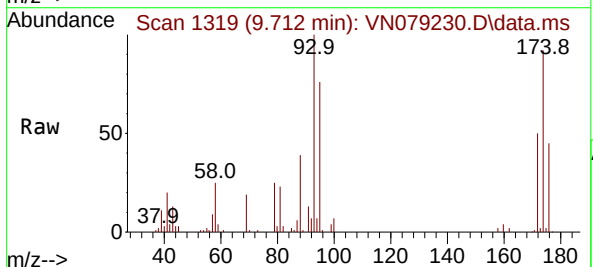
APPROVED

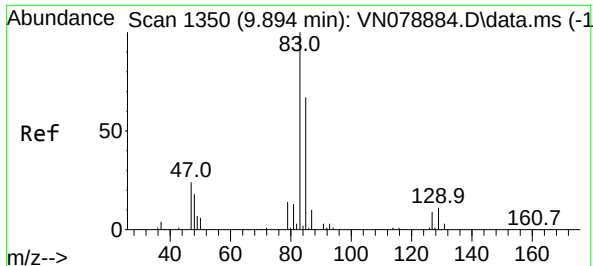
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#46
Dibromomethane
Concen: 48.841 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

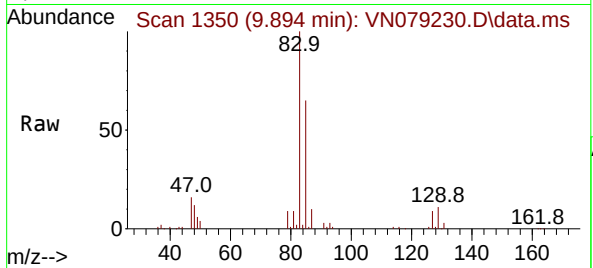
Tgt Ion: 93 Resp: 71351
Ion Ratio Lower Upper
93 100
95 79.6 63.8 95.8
174 95.0 65.6 98.4





#47
Bromodichloromethane
Concen: 47.754 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

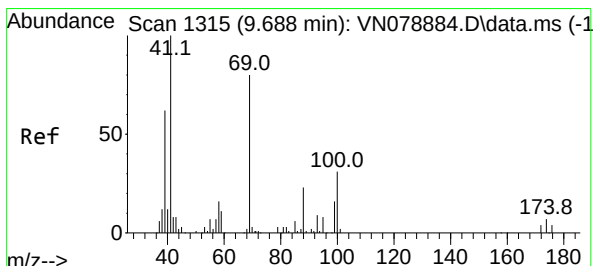
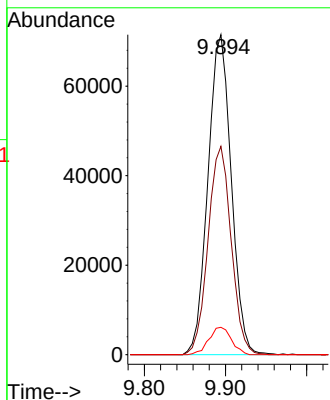
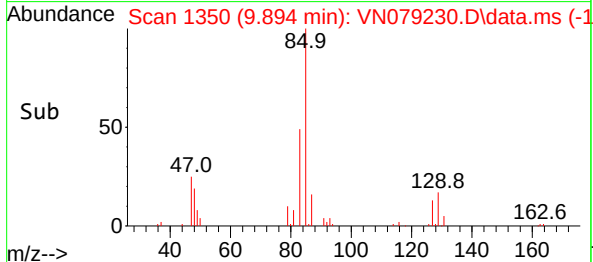
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



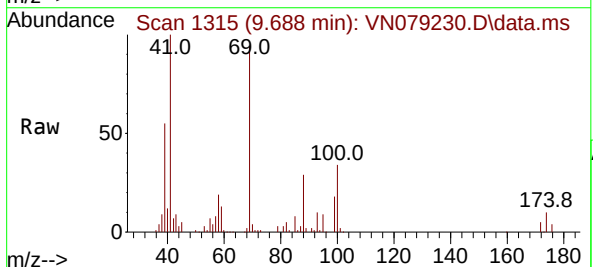
Tgt Ion: 83 Resp: 14289
Ion Ratio Lower Upper
83 100
85 65.1 49.6 74.4
127 8.6 7.0 10.6

Manual Integrations
APPROVED

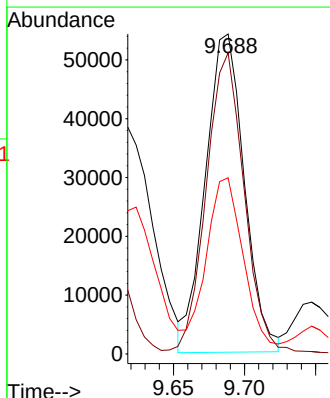
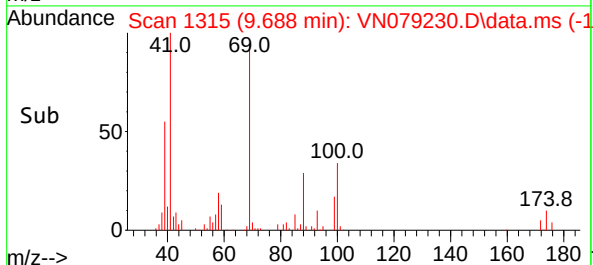
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

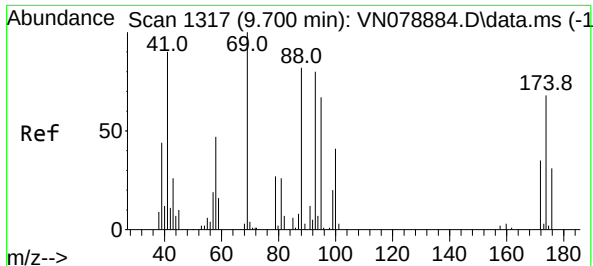


#48
Methyl methacrylate
Concen: 50.004 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



Tgt Ion: 41 Resp: 103253
Ion Ratio Lower Upper
41 100
69 93.0 90.4 135.6
39 54.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1036.022 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4400

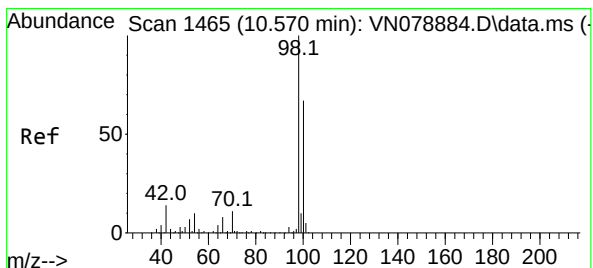
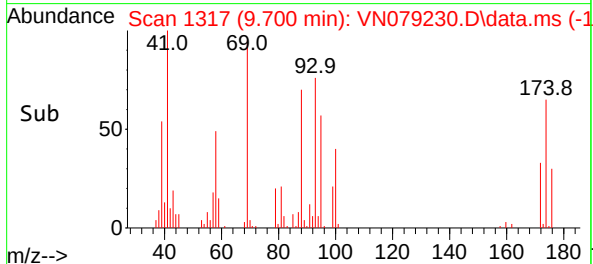
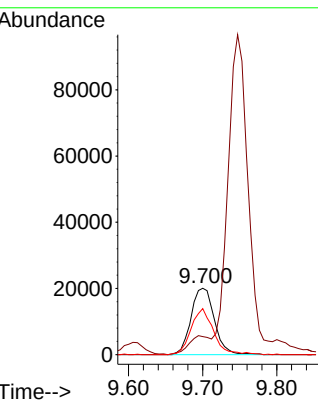
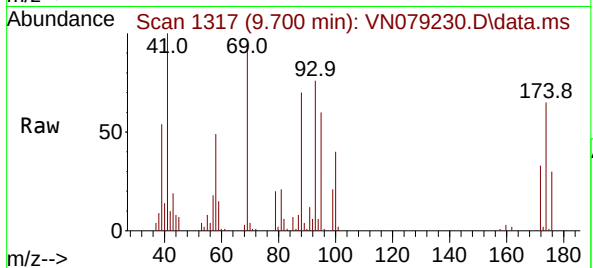
Ion	Ratio	Lower	Upper
88	100		
43	26.8	17.0	25.6
58	67.0	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

Toluene-d8

Concen: 51.571 ug/l

RT: 10.571 min Scan# 1465

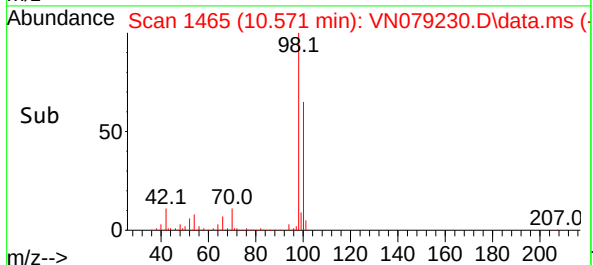
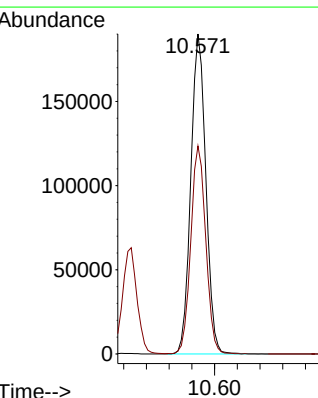
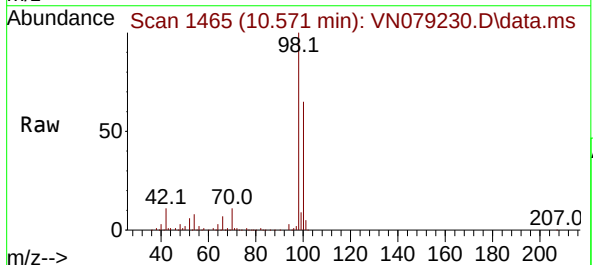
Delta R.T. -0.000 min

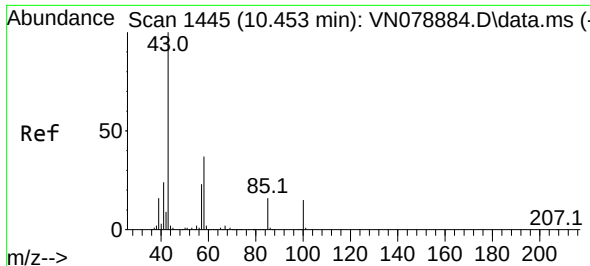
Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Tgt Ion: 98 Resp: 347987

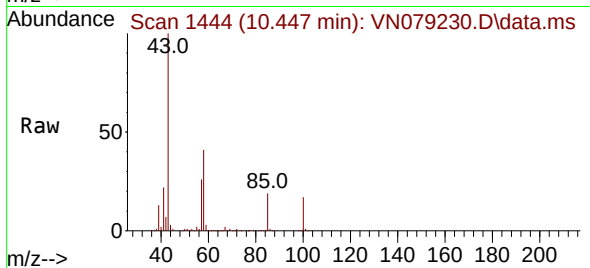
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 251.641 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

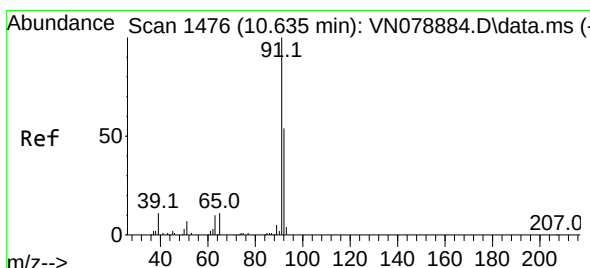
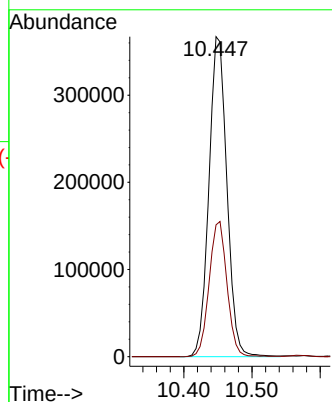
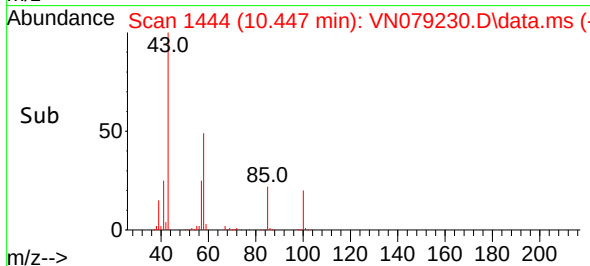
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



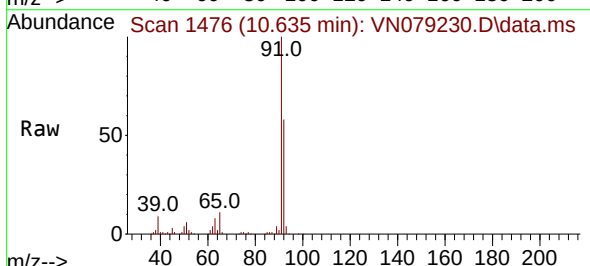
Tgt Ion: 43 Resp: 67340
Ion Ratio Lower Upper
43 100
58 42.0 36.6 54.8

Manual Integrations
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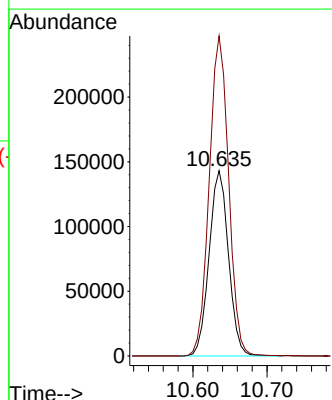
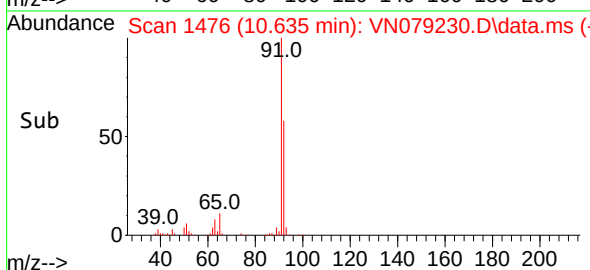
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

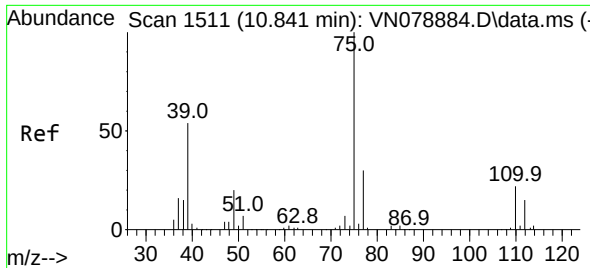


#52
Toluene
Concen: 48.825 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



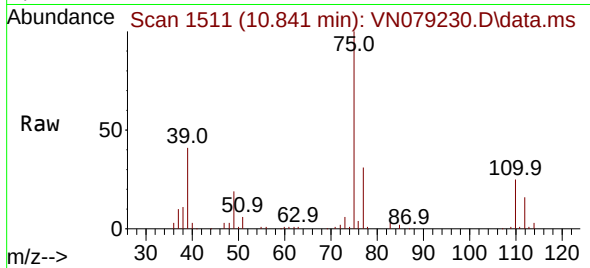
Tgt Ion: 92 Resp: 260186
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 48.910 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

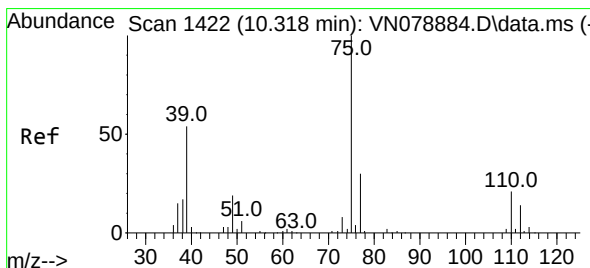
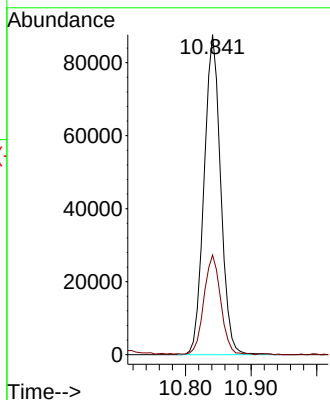
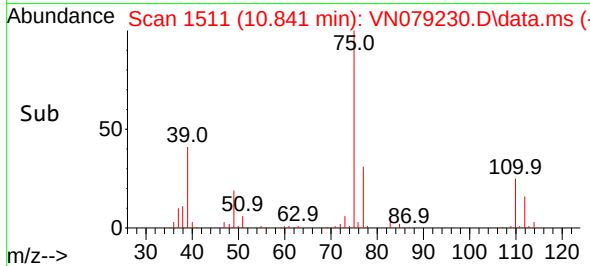
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 154314
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

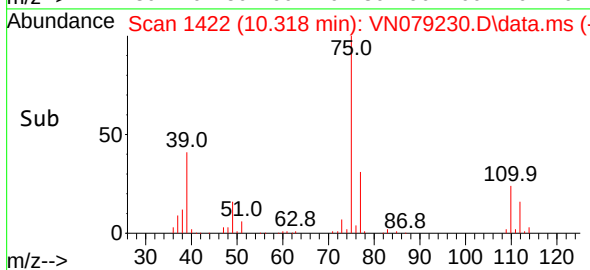
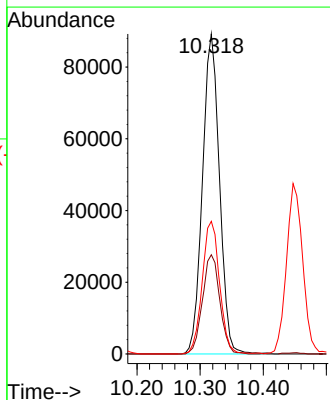
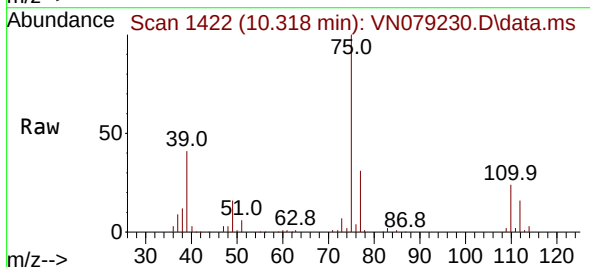
Manual Integrations
APPROVED

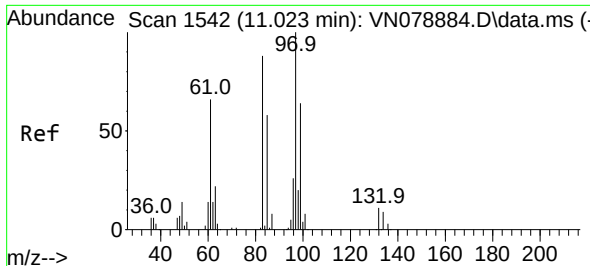
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#54
cis-1,3-Dichloropropene
Concen: 49.493 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

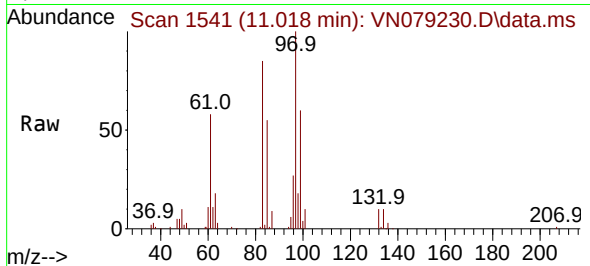
Tgt Ion: 75 Resp: 167017
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 41.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 47.981 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

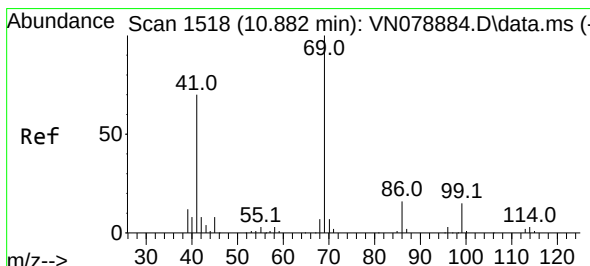
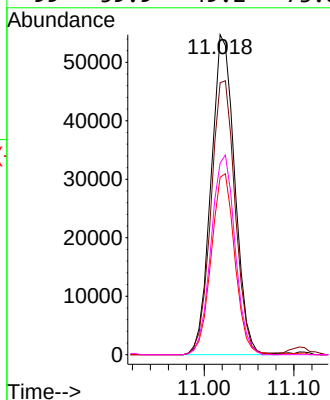
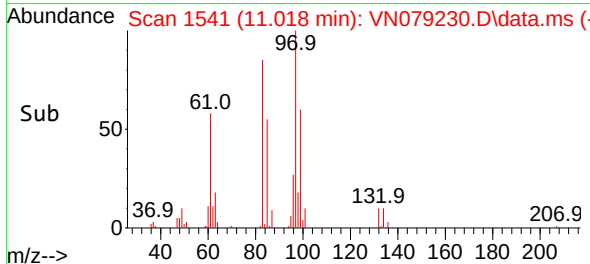
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



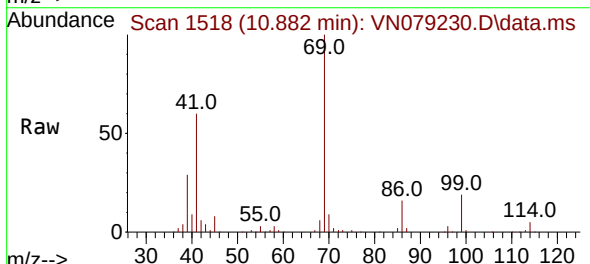
Tgt Ion:	97	Resp:	100329
Ion Ratio	100	Lower	Upper
97	100		
83	85.0	65.1	97.7
85	55.5	43.4	65.2
99	59.9	49.2	73.8

Manual Integrations
APPROVED

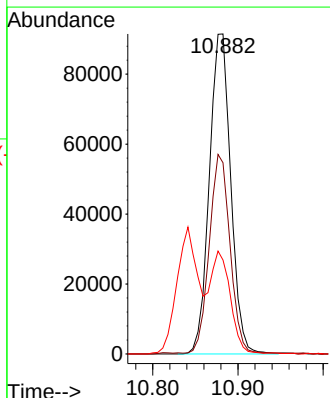
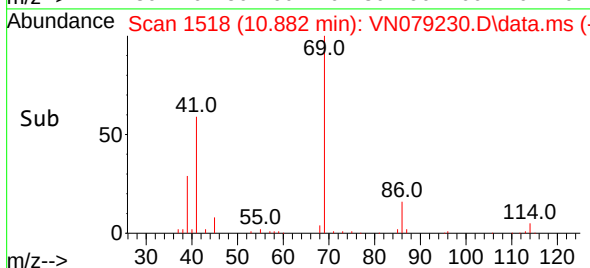
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

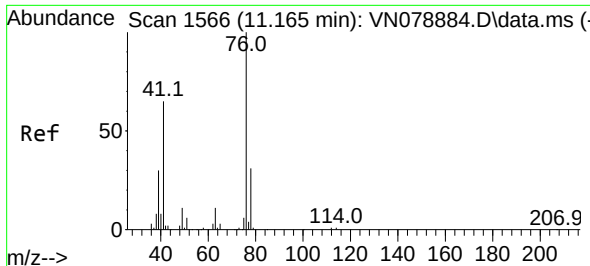


#56
Ethyl methacrylate
Concen: 54.120 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



Tgt Ion:	69	Resp:	159745
Ion Ratio	100	Lower	Upper
69	100		
41	60.1	39.6	59.4#
39	30.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 48.824 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 17648

Ion Ratio Lower Upper

76 100

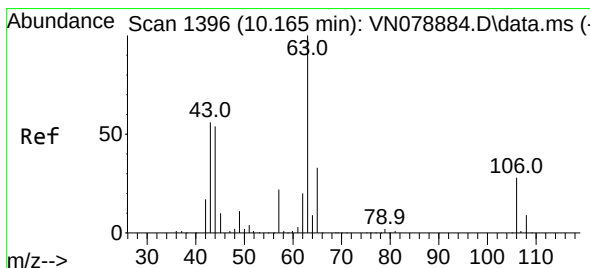
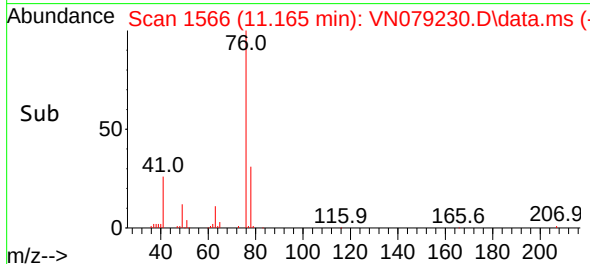
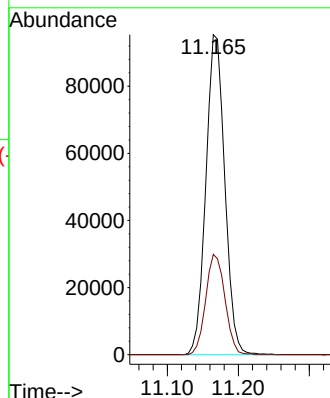
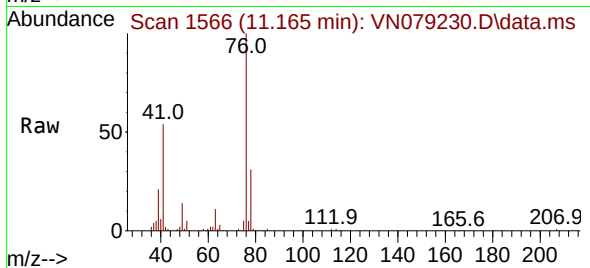
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 239.813 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079230.D

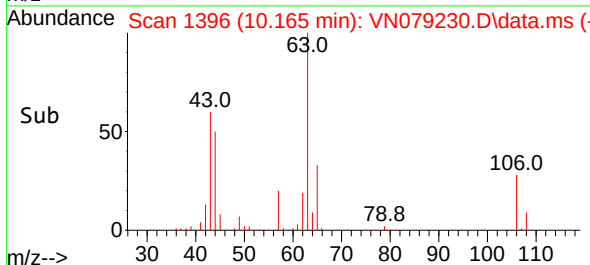
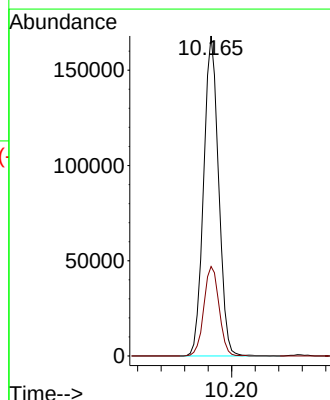
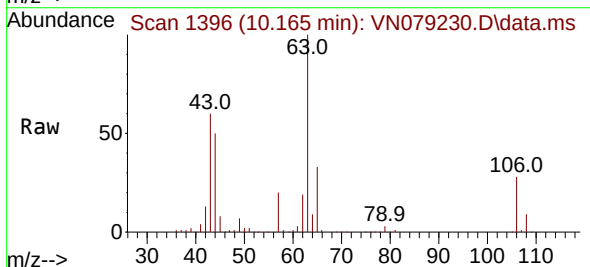
Acq: 11 Sep 2023 20:42

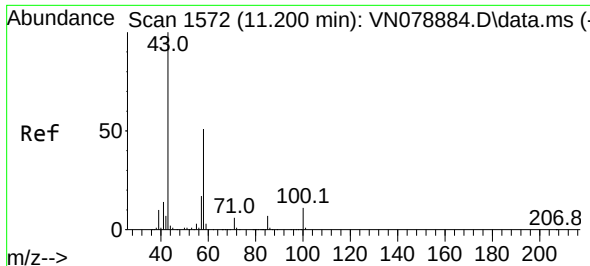
Tgt Ion: 63 Resp: 296250

Ion Ratio Lower Upper

63 100

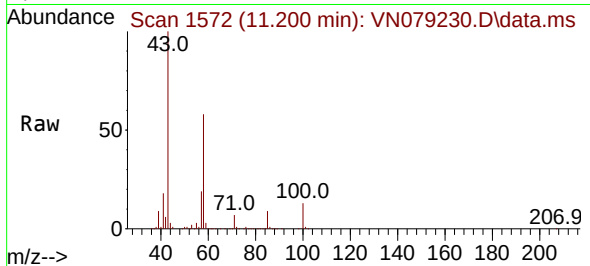
106 28.4 26.2 39.4





#59
2-Hexanone
Concen: 252.571 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

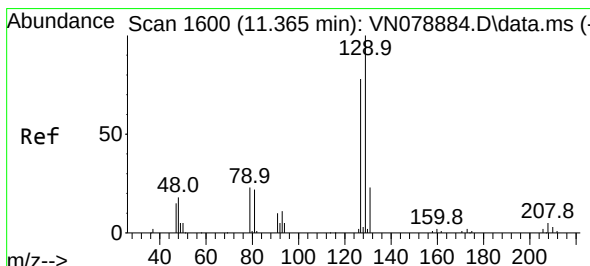
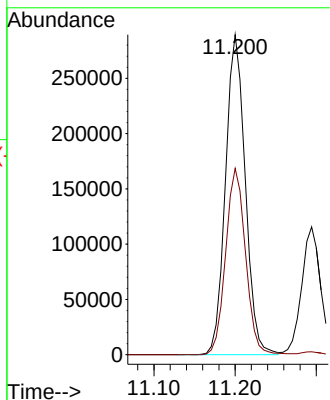
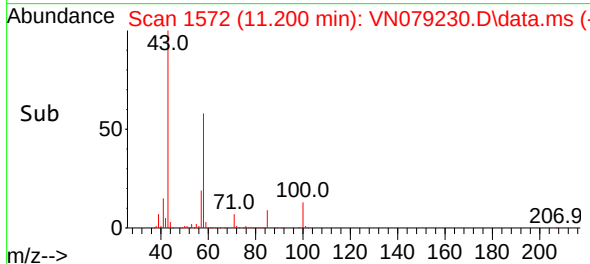
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



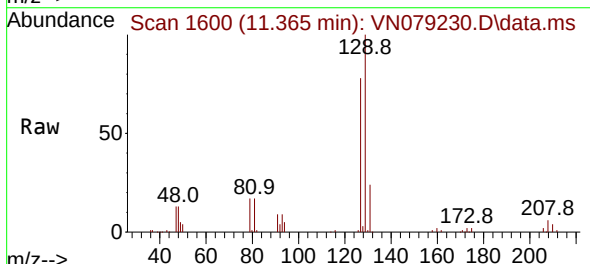
Tgt Ion: 43 Resp: 48954
Ion Ratio Lower Upper
43 100
58 58.5 31.7 95.1

Manual Integrations
APPROVED

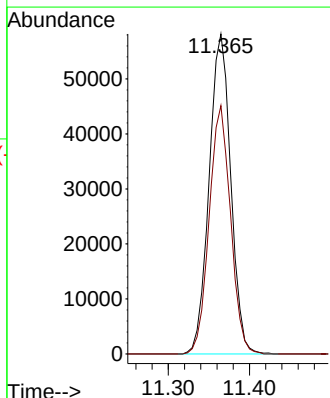
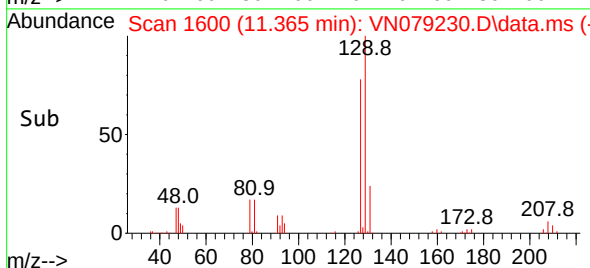
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

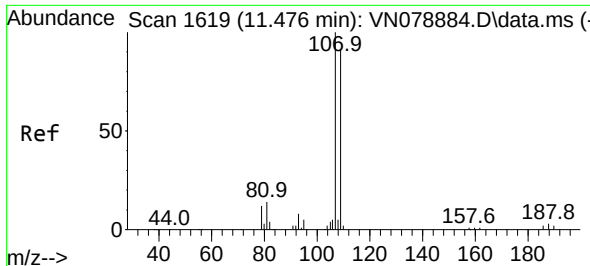


#60
Dibromochloromethane
Concen: 48.358 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



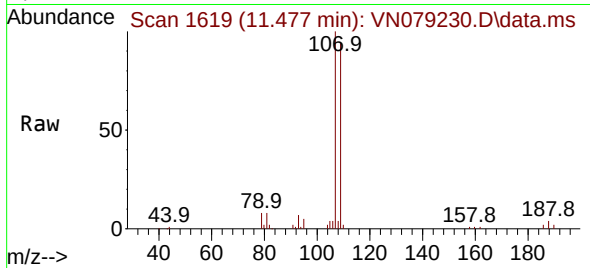
Tgt Ion:129 Resp: 107614
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.940 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

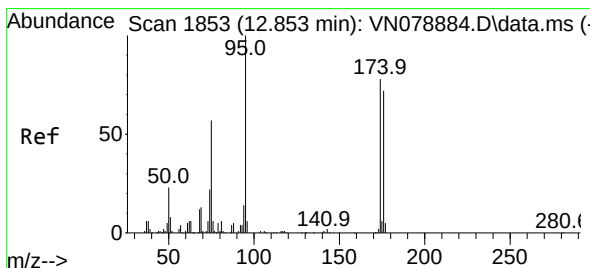
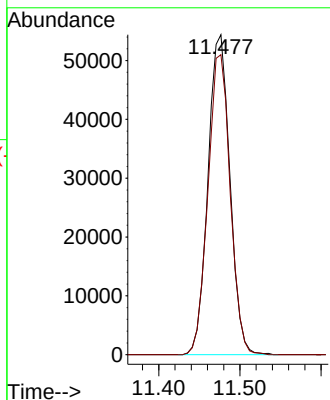
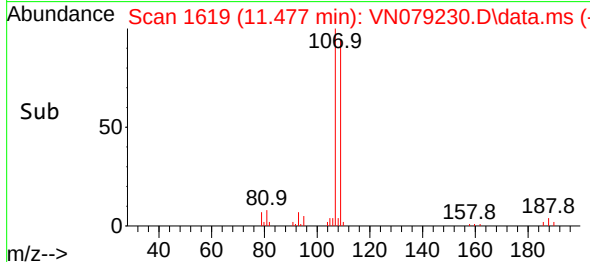
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



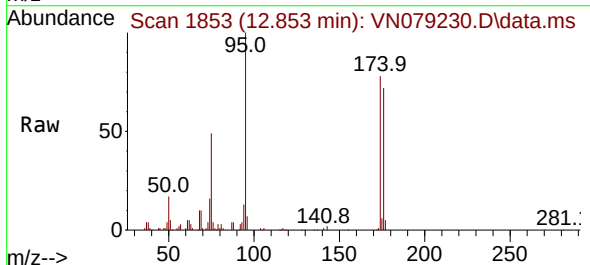
Tgt Ion:107 Resp: 102124
Ion Ratio Lower Upper
107 100
109 95.2 76.6 114.8

Manual Integrations
APPROVED

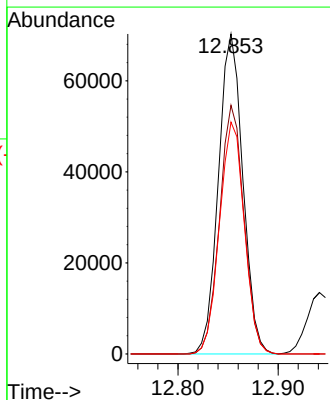
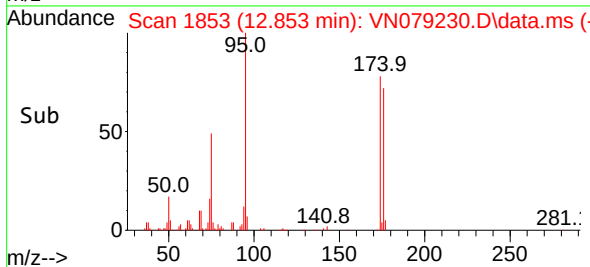
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

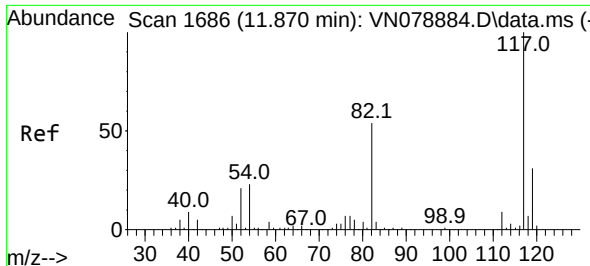


#62
4-Bromofluorobenzene
Concen: 55.161 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



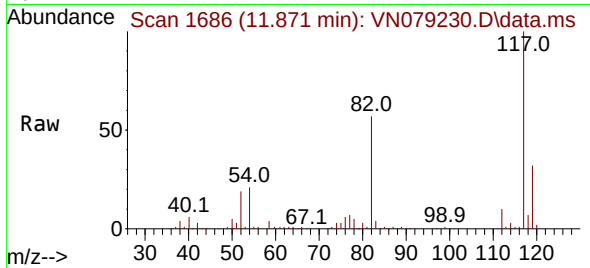
Tgt Ion: 95 Resp: 118727
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 73.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

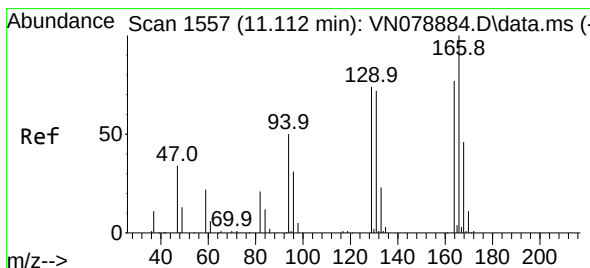
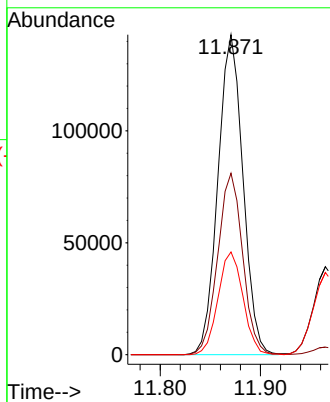
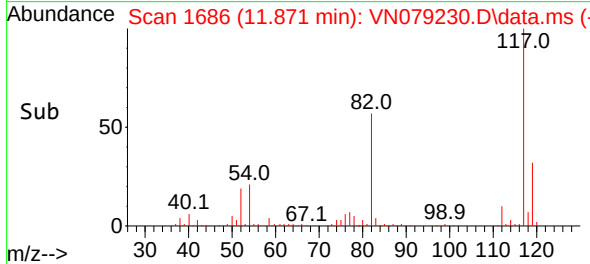
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 24816
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.1 25.6 38.4

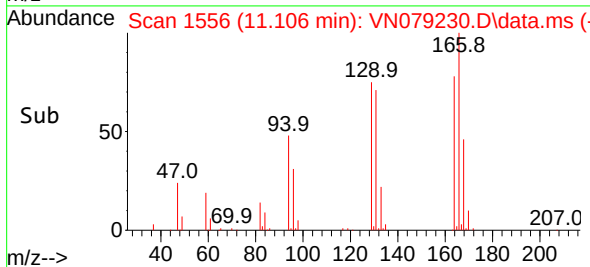
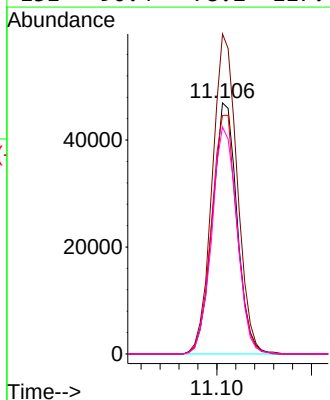
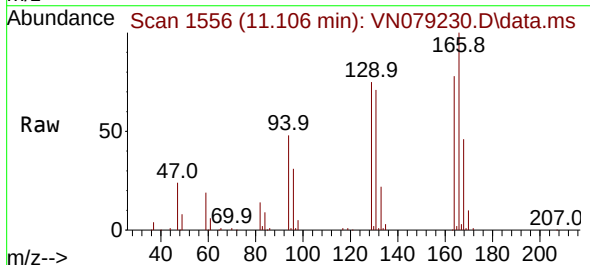
Manual Integrations
APPROVED

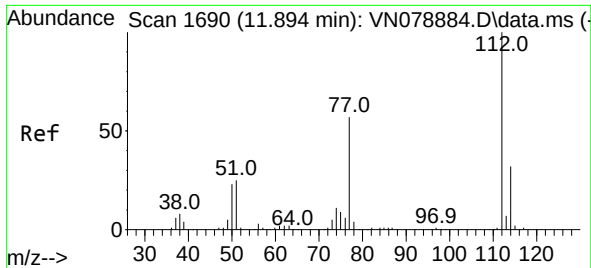
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 46.992 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

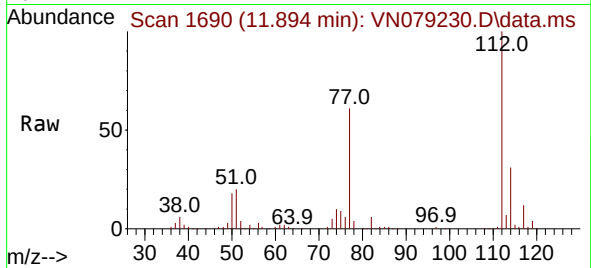
Tgt Ion:164 Resp: 85035
Ion Ratio Lower Upper
164 100
166 127.5 101.4 152.0
129 95.0 82.4 123.6
131 90.4 78.2 117.4





#65
Chlorobenzene
Concen: 47.305 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

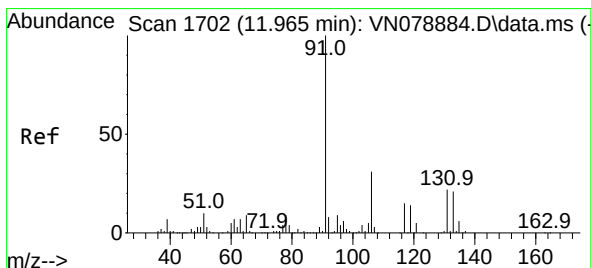
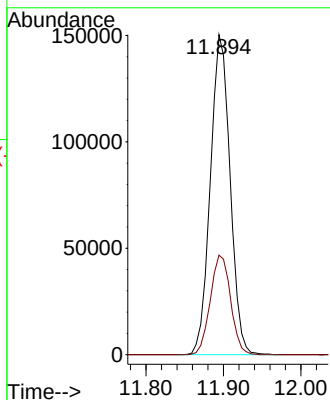
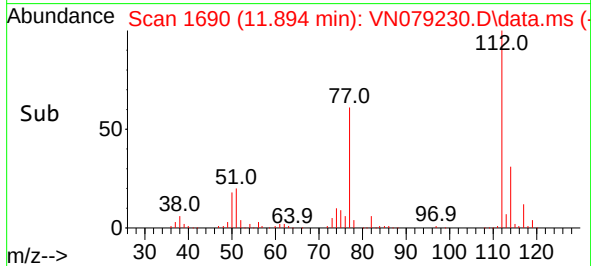
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 265940
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

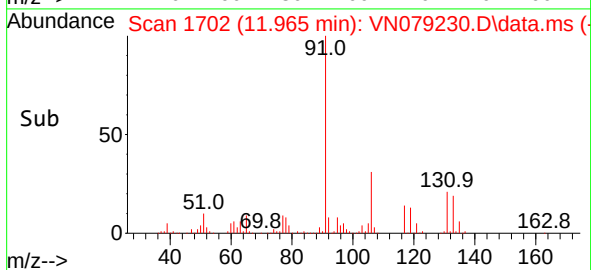
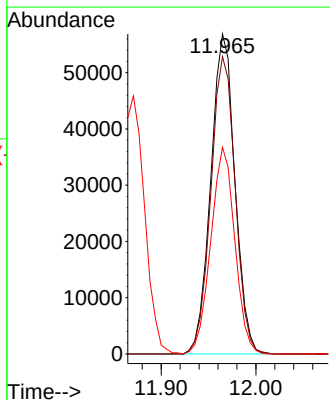
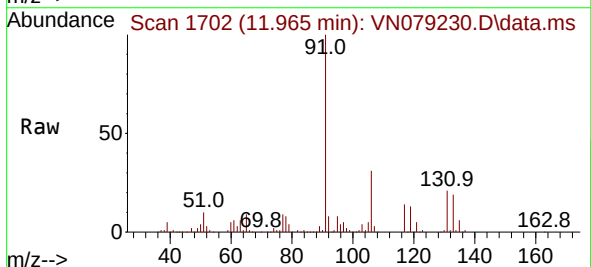
Manual Integrations
APPROVED

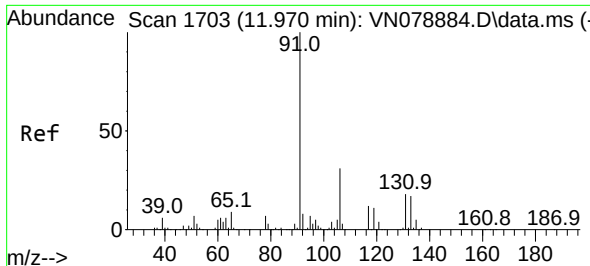
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.690 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

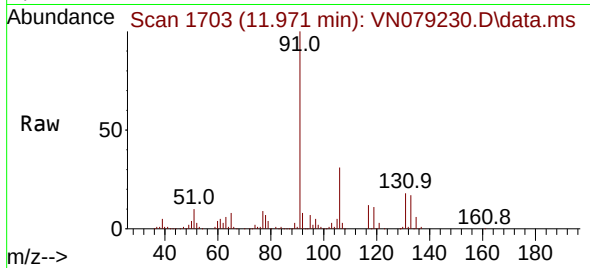
Tgt Ion:131 Resp: 100538
Ion Ratio Lower Upper
131 100
133 93.8 46.4 139.1
119 64.3 34.1 102.2





#67
Ethyl Benzene
Concen: 50.495 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

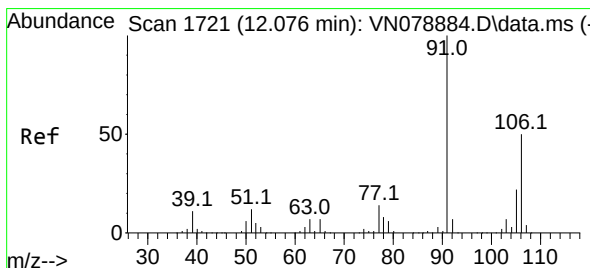
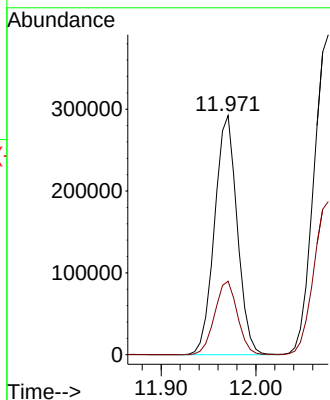
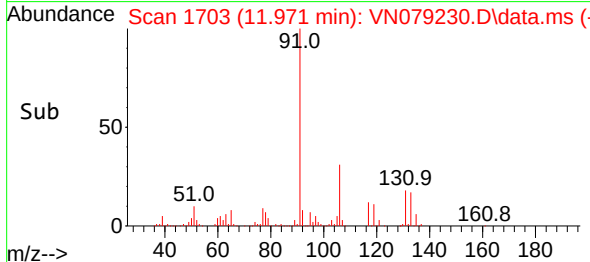
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



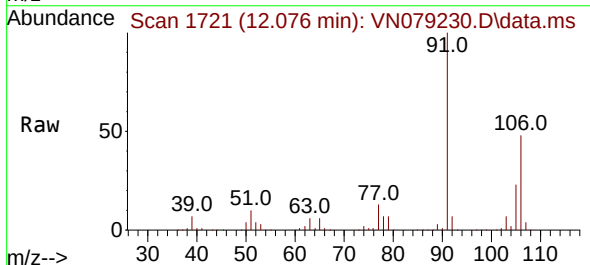
Tgt Ion: 91 Resp: 48557
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
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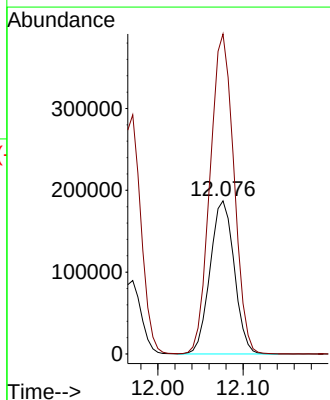
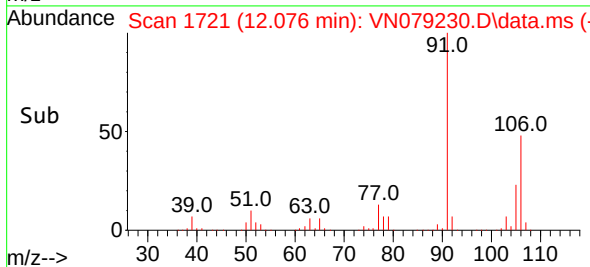
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

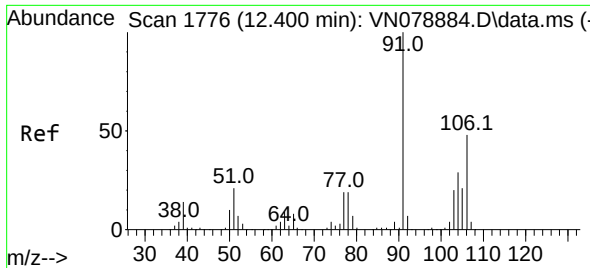


#68
m/p-Xylenes
Concen: 102.839 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



Tgt Ion:106 Resp: 368606
Ion Ratio Lower Upper
106 100
91 206.8 159.6 239.4





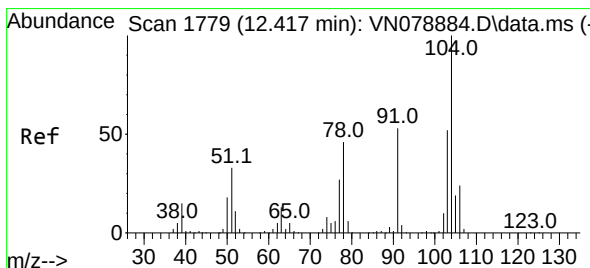
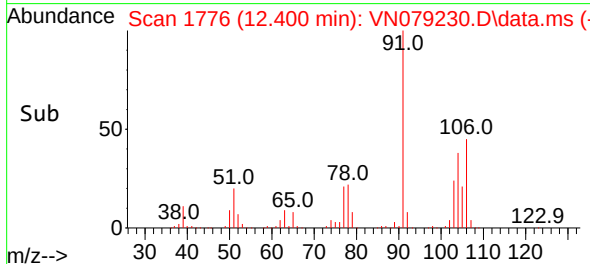
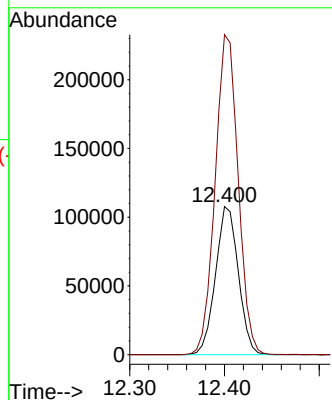
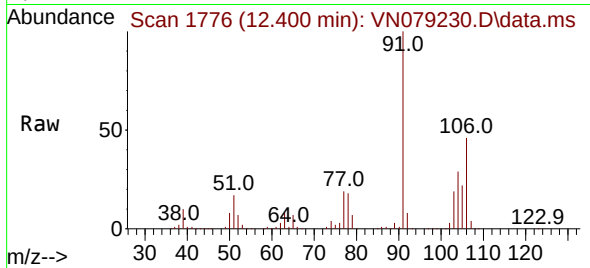
#69
o-Xylene
Concen: 52.430 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 180234
Ion Ratio Lower Upper
106 100
91 218.3 105.2 315.5

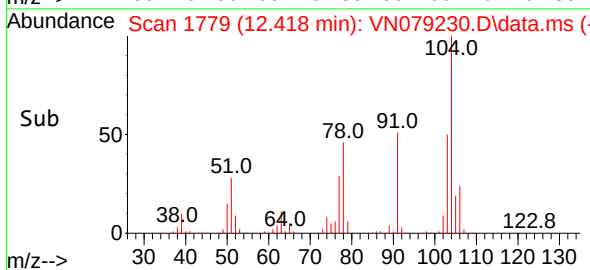
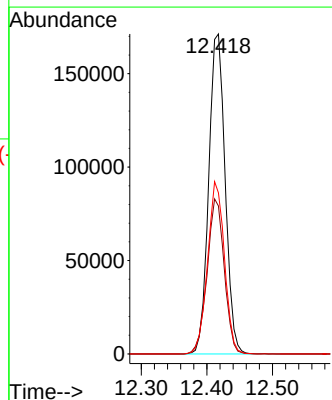
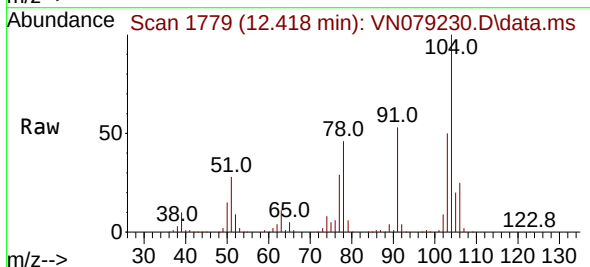
Manual Integrations
APPROVED

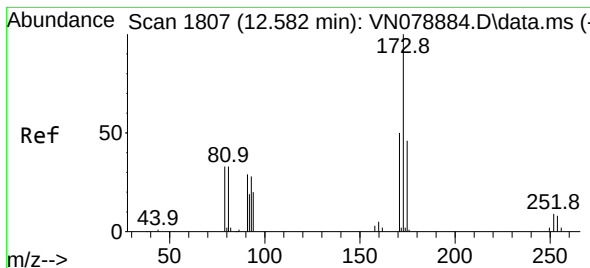
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 53.995 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Tgt Ion:104 Resp: 298524
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 55.4 43.2 64.8





#71

Bromoform

Concen: 48.838 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

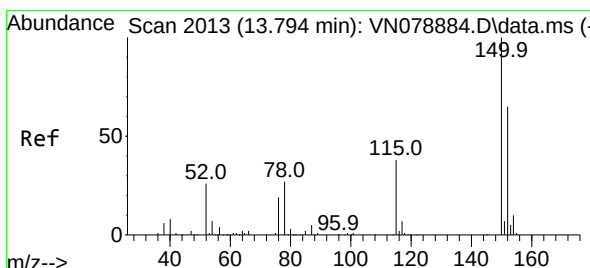
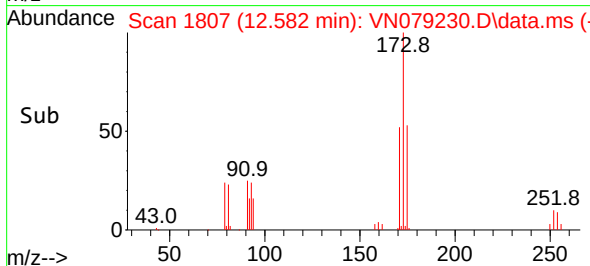
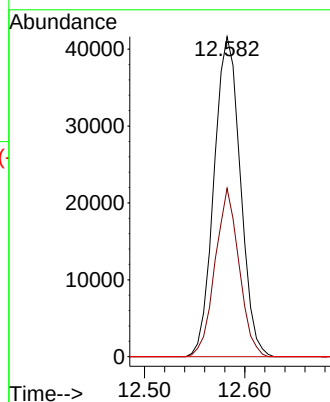
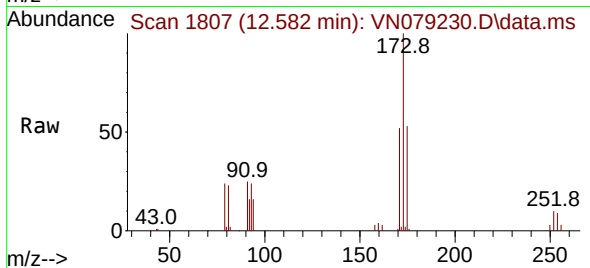
Tgt Ion:173	Resp:	76008
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.3 73.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

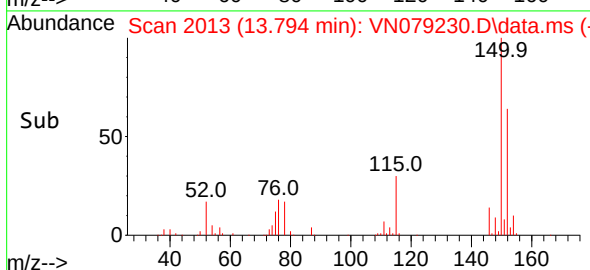
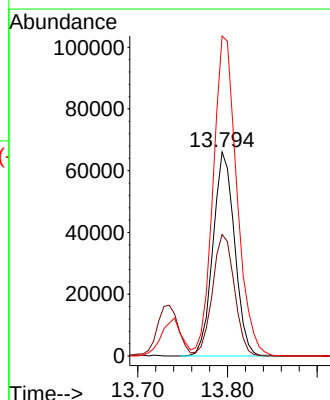
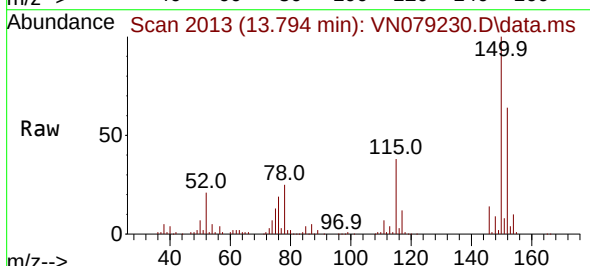
RT: 13.794 min Scan# 2013

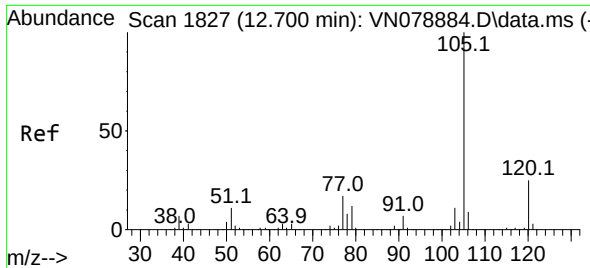
Delta R.T. 0.000 min

Lab File: VN079230.D

Acq: 11 Sep 2023 20:42

Tgt Ion:152	Resp:	110264
Ion Ratio	Lower	Upper
152	100	
115	60.7	32.3 96.8
150	172.6	0.0 355.8





#73
Isopropylbenzene
Concen: 45.785 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

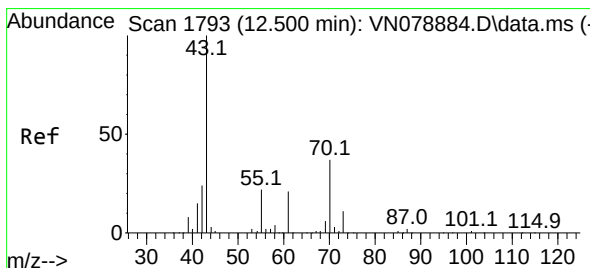
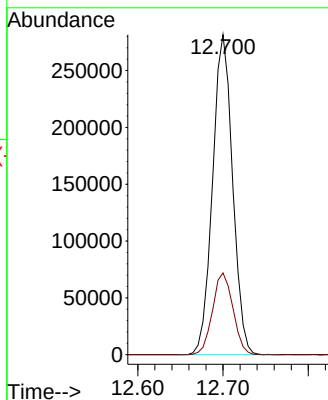
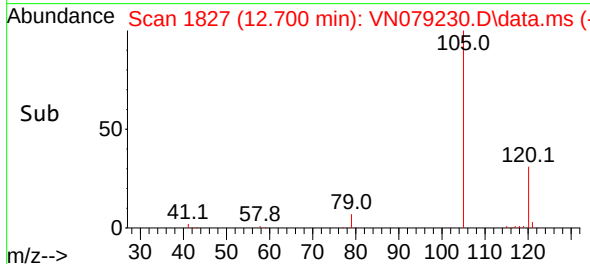
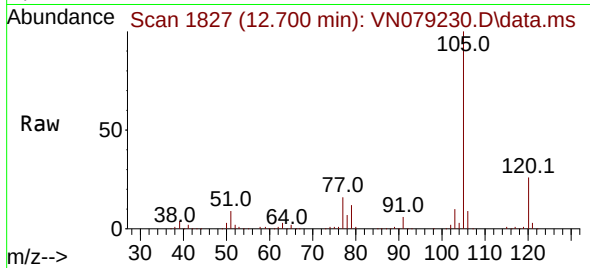
VSTDCCC050EC

Tgt Ion:105 Resp: 459310
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

Manual Integrations

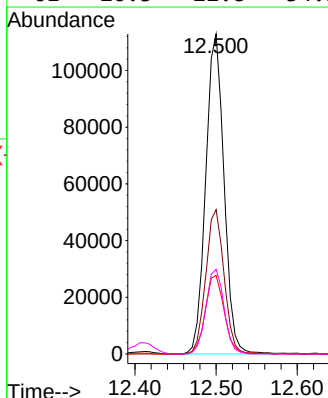
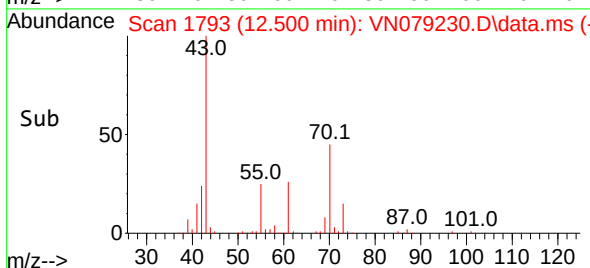
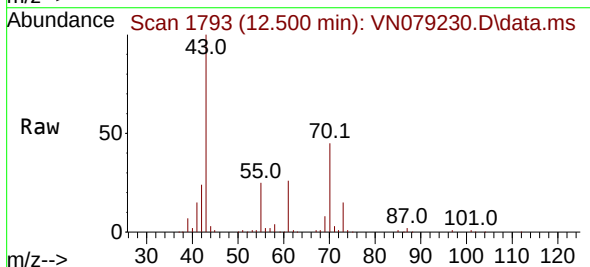
APPROVED

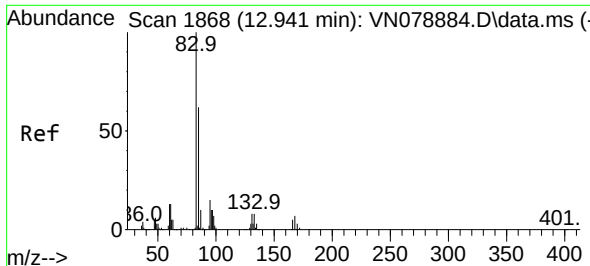
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
N-ethyl acetate
Concen: 46.397 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

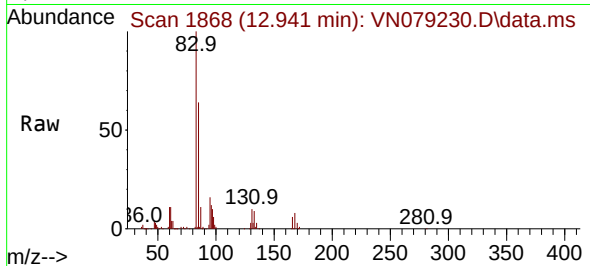
Tgt Ion: 43 Resp: 176590
Ion Ratio Lower Upper
43 100
70 45.1 43.4 65.2
55 25.6 21.4 32.0
61 26.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 40.448 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

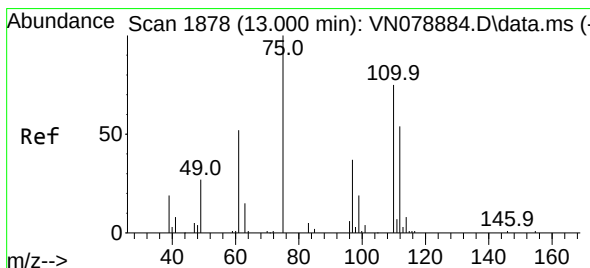
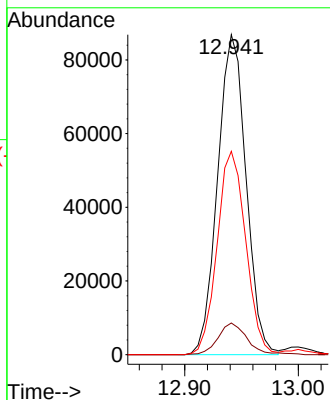
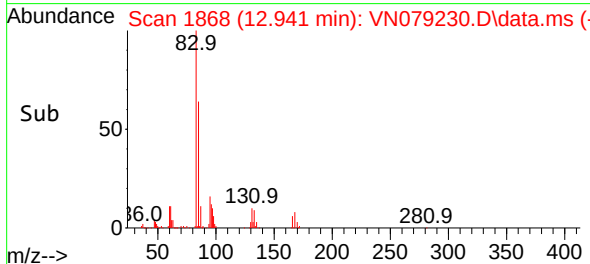
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 15110
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 63.9 31.9 95.7

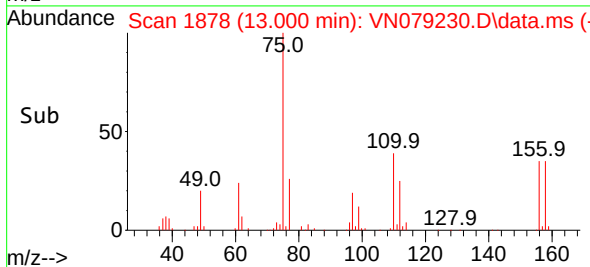
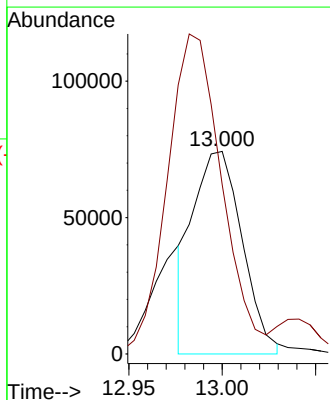
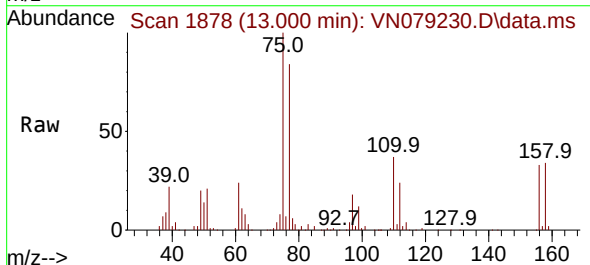
Manual Integrations
APPROVED

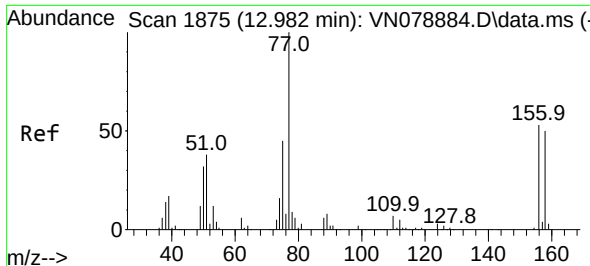
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 45.620 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

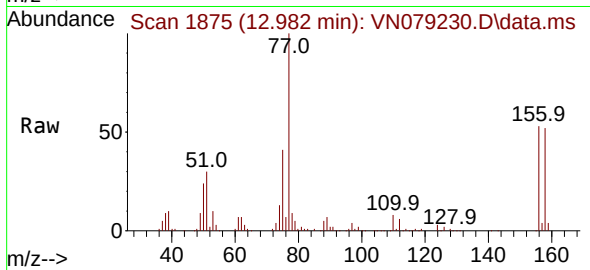
Tgt Ion: 75 Resp: 135573
Ion Ratio Lower Upper
75 100
77 175.4 84.5 253.5





#77
Bromobenzene
Concen: 43.016 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

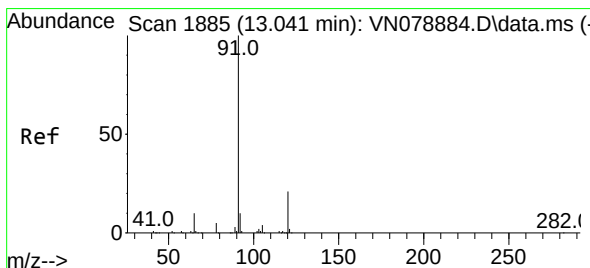
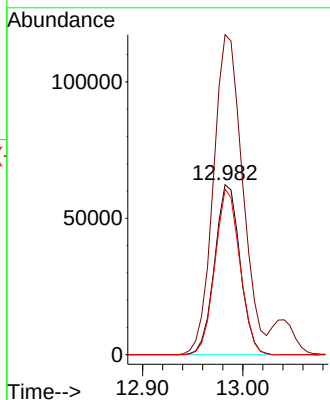
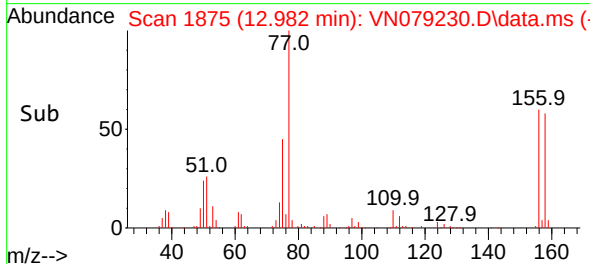
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



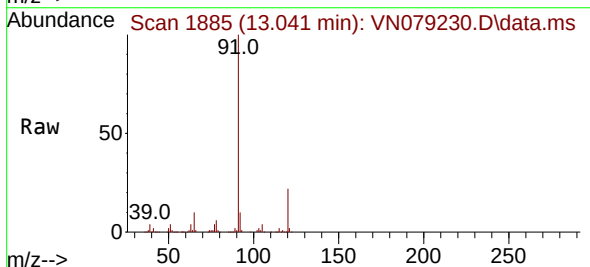
Tgt Ion:156 Resp: 10927
Ion Ratio Lower Upper
156 100
77 217.6 107.7 323.3
158 95.9 48.4 145.3

Manual Integrations
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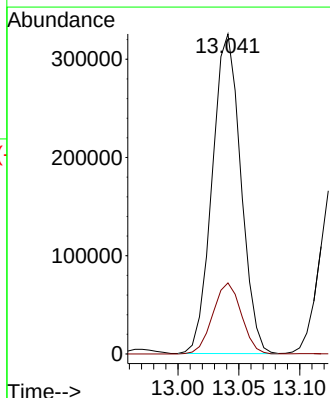
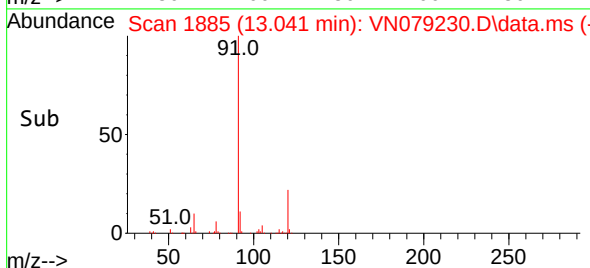
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

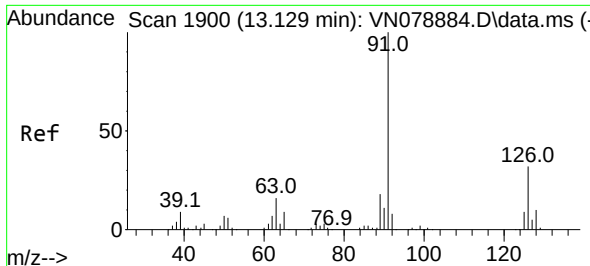


#78
n-propylbenzene
Concen: 47.255 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



Tgt Ion: 91 Resp: 532537
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





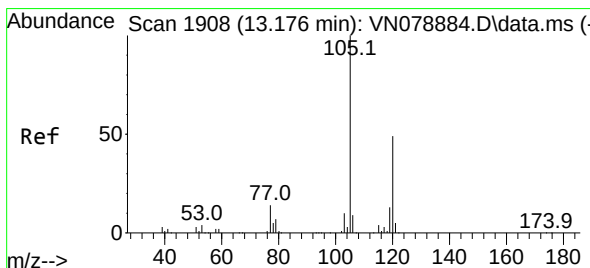
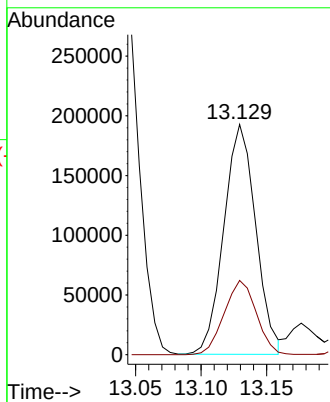
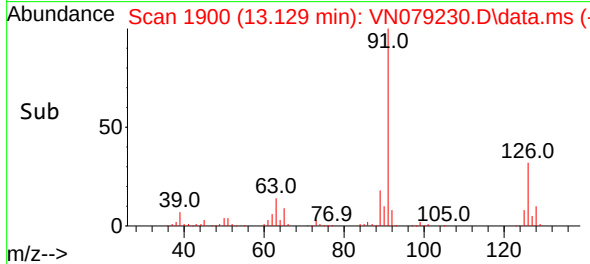
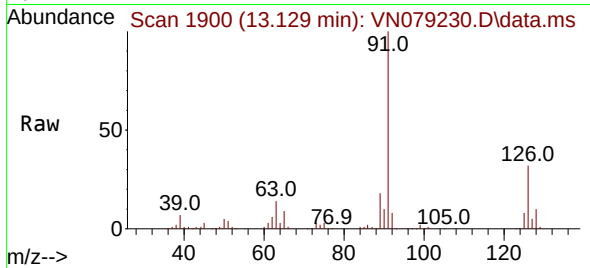
#79
2-Chlorotoluene
Concen: 44.240 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 326080
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

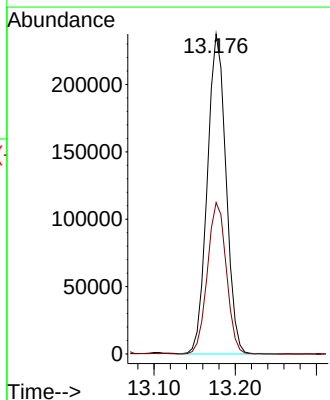
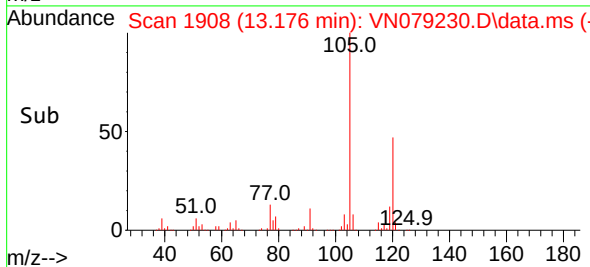
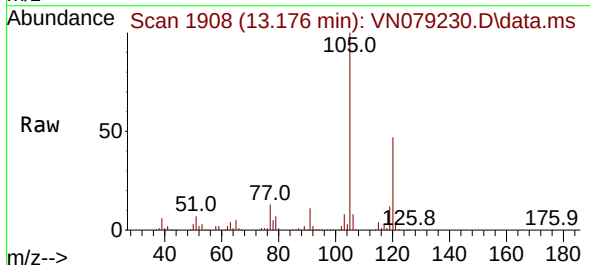
Manual Integrations
APPROVED

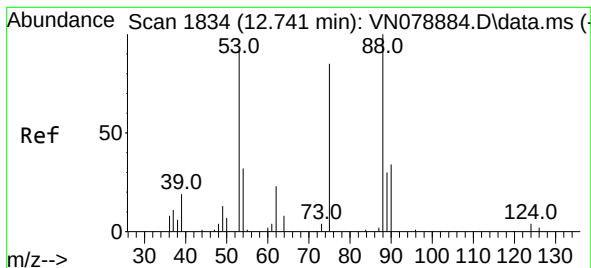
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.394 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

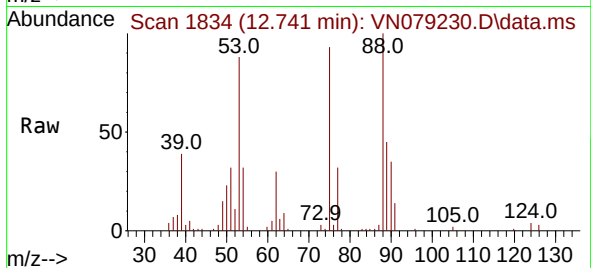
Tgt Ion:105 Resp: 379459
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.149 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

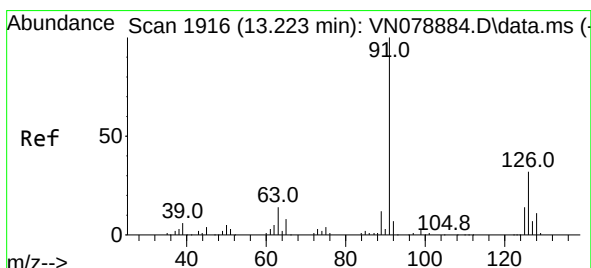
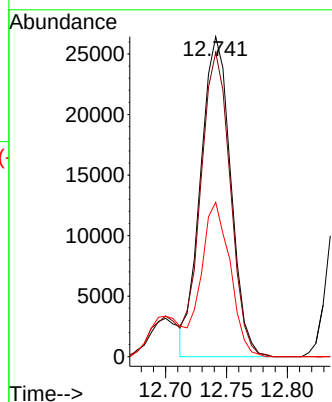
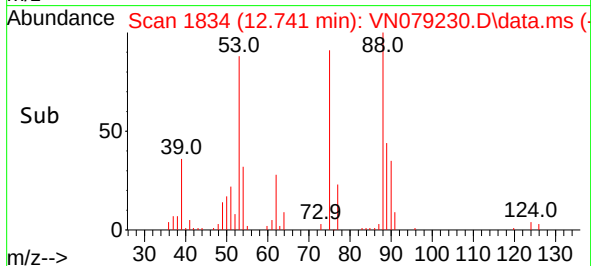
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



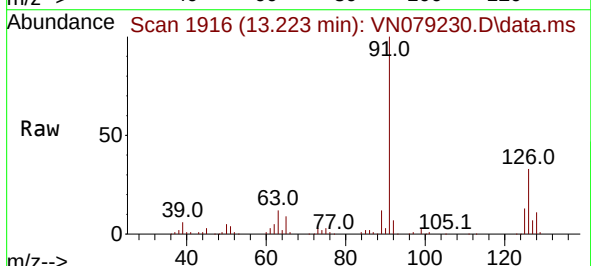
Tgt Ion: 75 Resp: 4556
Ion Ratio Lower Upper
75 100
53 93.8 67.4 101.2
89 45.6 38.8 58.2

Manual Integrations
APPROVED

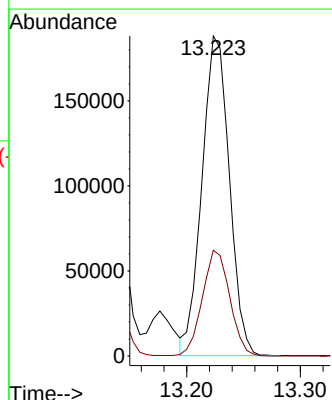
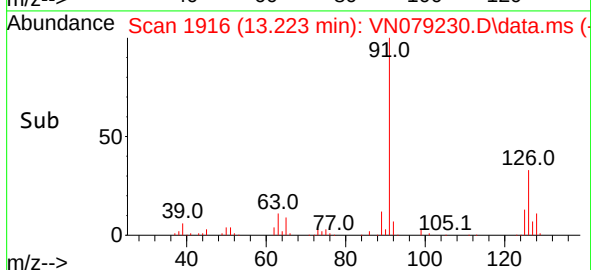
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

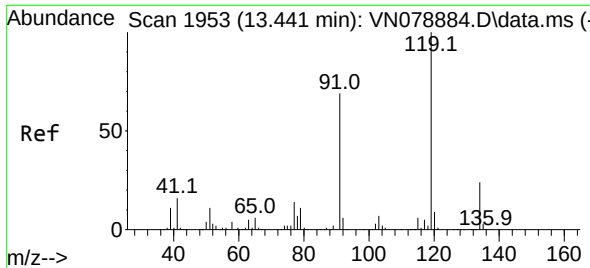


#82
4-Chlorotoluene
Concen: 45.476 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



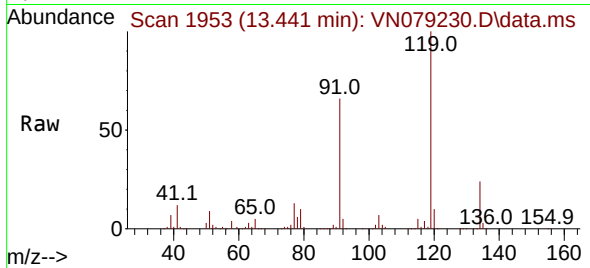
Tgt Ion: 91 Resp: 314963
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.099 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

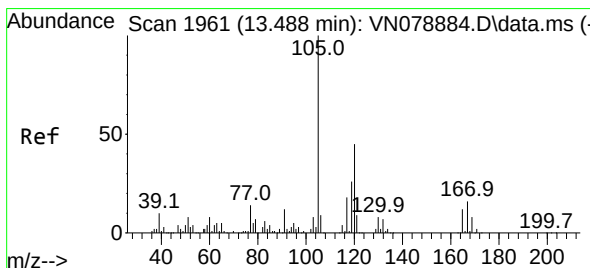
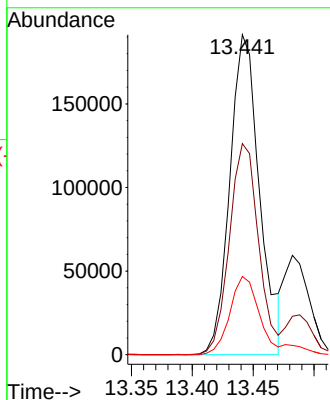
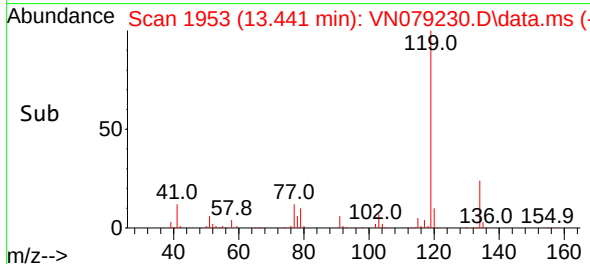
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



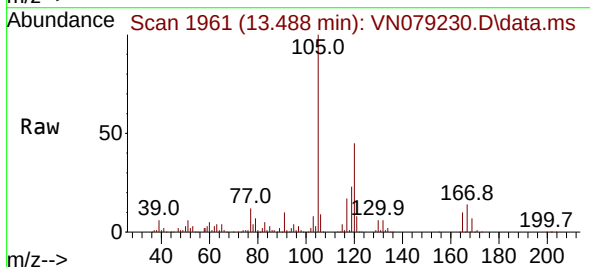
Tgt Ion:119 Resp: 32570
Ion Ratio Lower Upper
119 100
91 64.9 33.9 101.7
134 26.2 13.2 39.6

Manual Integrations
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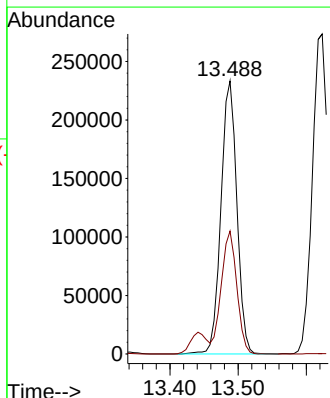
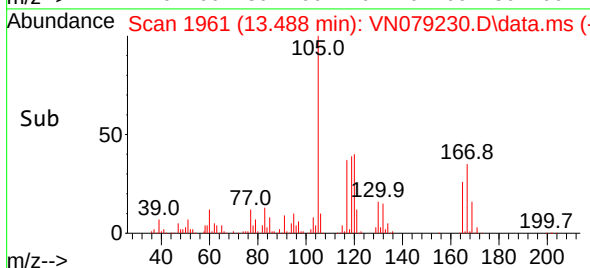
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

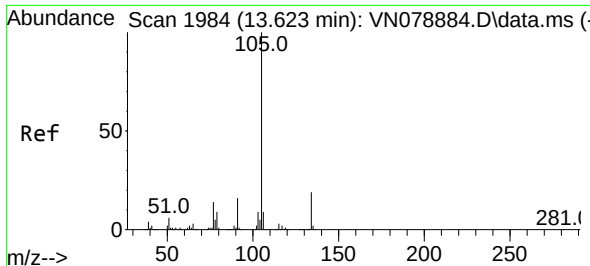


#84
1,2,4-Trimethylbenzene
Concen: 47.621 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



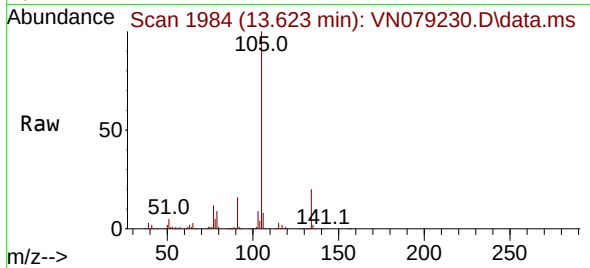
Tgt Ion:105 Resp: 379108
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.180 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079230.D
 Acq: 11 Sep 2023 20:42

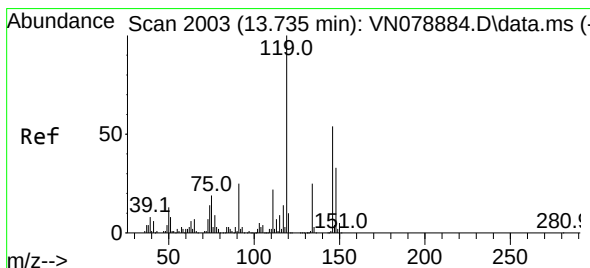
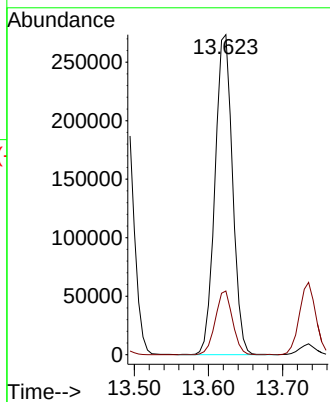
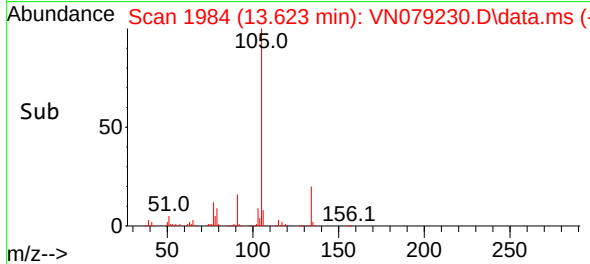
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



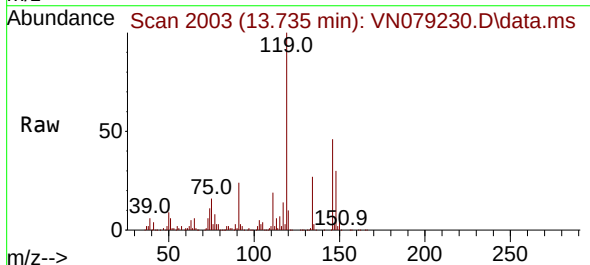
Tgt Ion:105 Resp: 449160
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

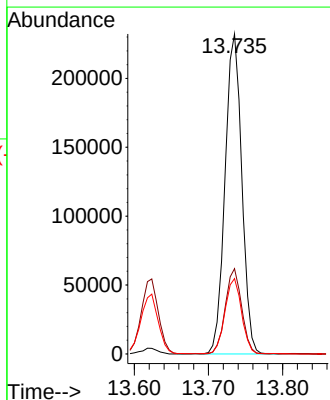
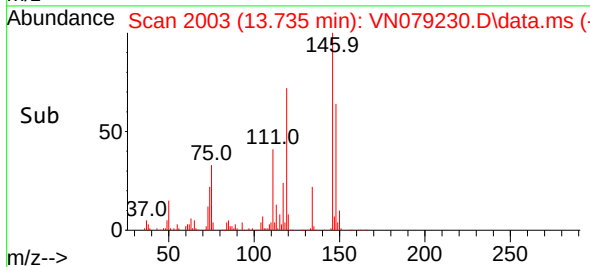
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

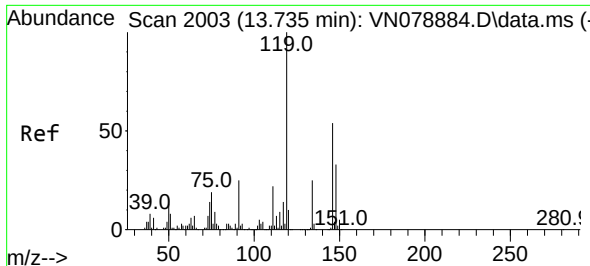


#86
 p-Isopropyltoluene
 Concen: 47.903 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079230.D
 Acq: 11 Sep 2023 20:42



Tgt Ion:119 Resp: 364345
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.3 12.4 37.2





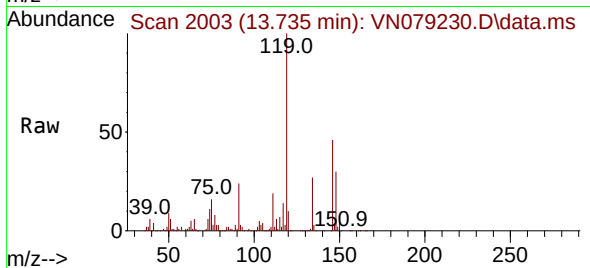
#87
 1,3-Dichlorobenzene
 Concen: 45.285 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079230.D
 Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



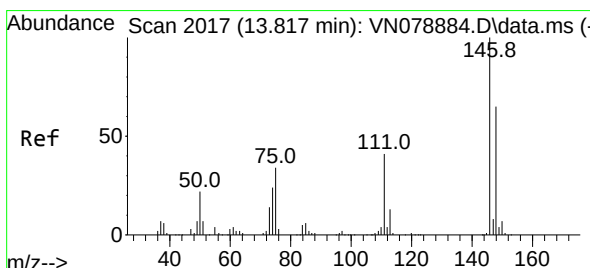
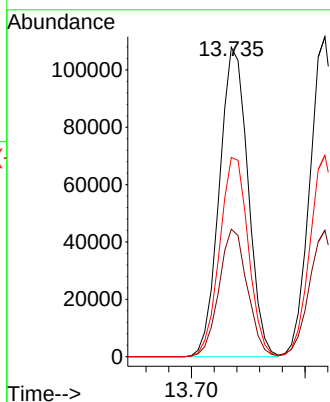
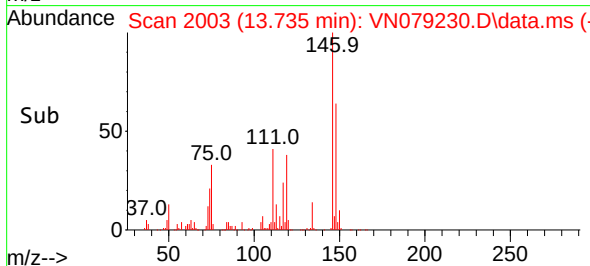
Tgt Ion:146 Resp: 188672
 Ion Ratio Lower Upper
 146 100
 111 40.7 22.1 66.3
 148 64.6 32.0 96.0

Manual Integrations

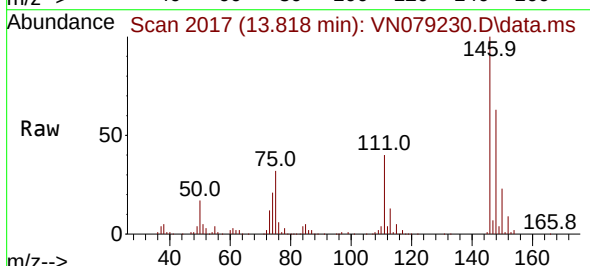
APPROVED

Reviewed By :John Carlone 09/12/2023

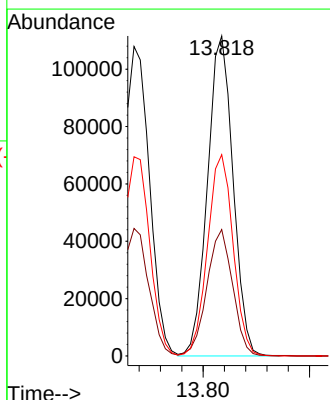
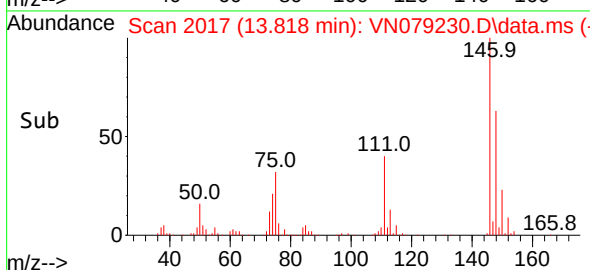
Supervised By :Mahesh Dadoda 09/12/2023

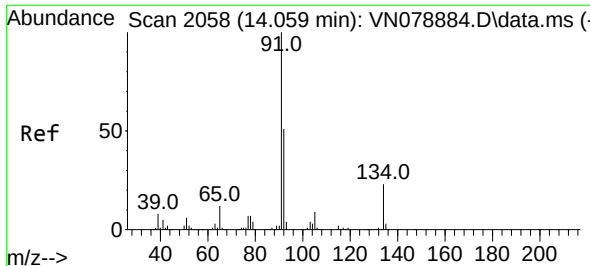


#88
 1,4-Dichlorobenzene
 Concen: 44.226 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079230.D
 Acq: 11 Sep 2023 20:42



Tgt Ion:146 Resp: 186195
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.6 61.8
 148 63.0 31.6 94.8





#89
n-Butylbenzene
Concen: 49.872 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

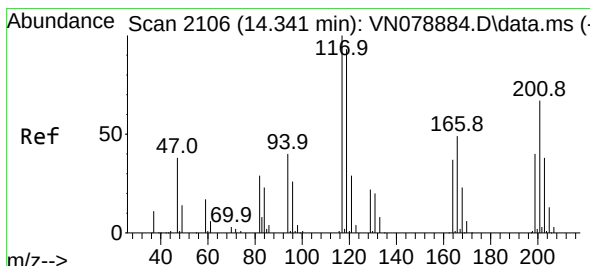
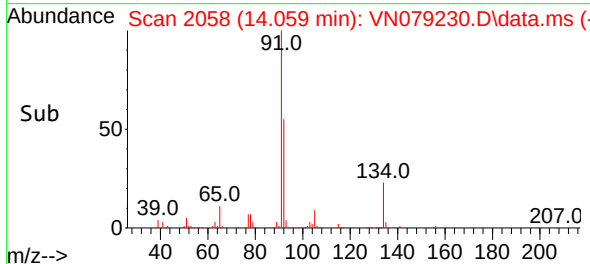
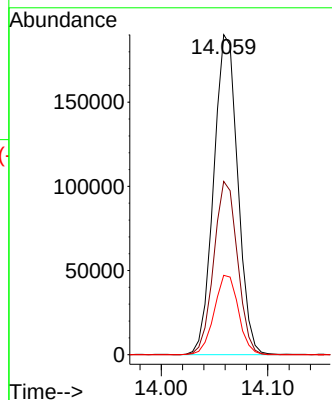
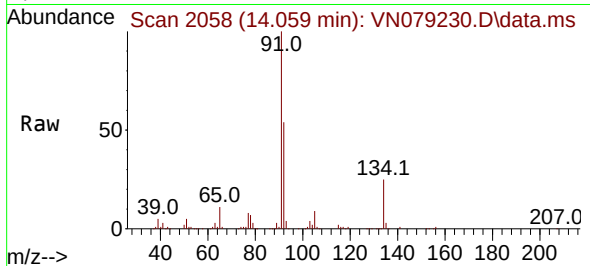
VSTDCCC050EC

Tgt Ion: 91 Resp: 29828
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 25.0 12.6 37.6

Manual Integrations

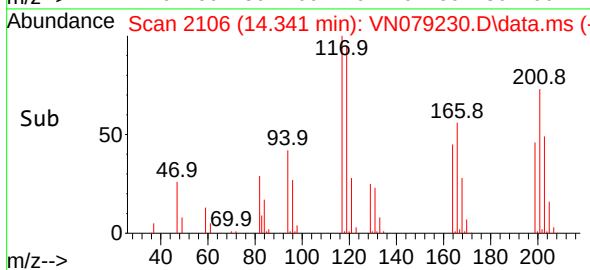
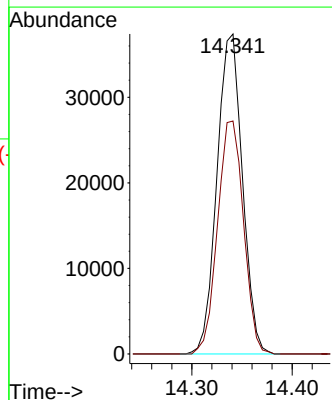
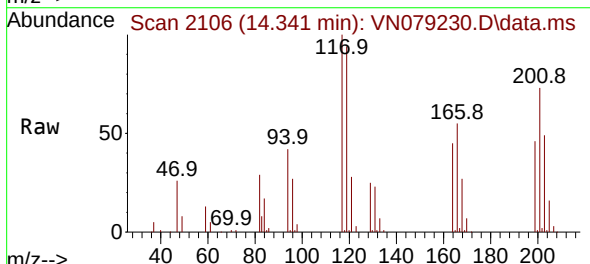
APPROVED

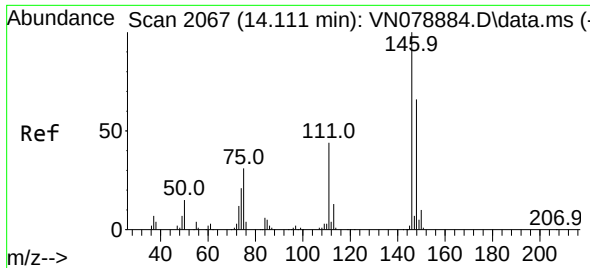
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
Hexachloroethane
Concen: 42.732 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Tgt Ion:117 Resp: 66003
Ion Ratio Lower Upper
117 100
201 74.1 29.3 88.0





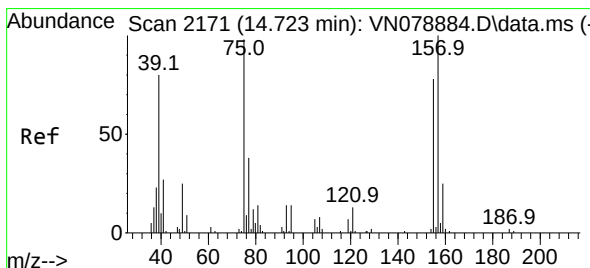
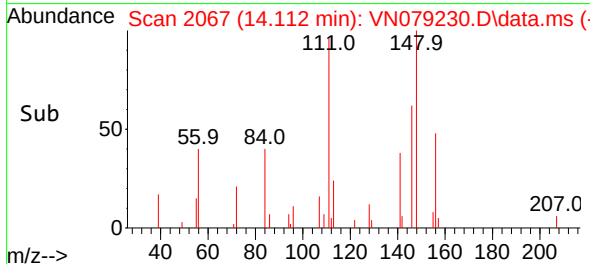
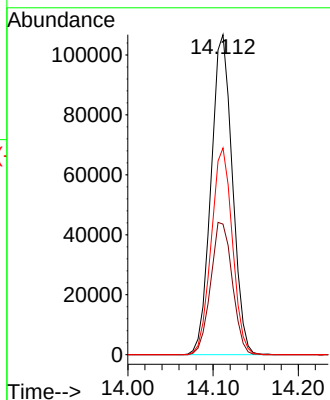
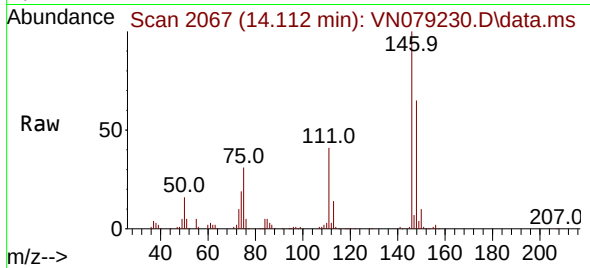
#91
1,2-Dichlorobenzene
Concen: 45.112 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 18554
Ion Ratio Lower Upper
146 100
111 41.9 22.0 66.0
148 63.9 31.8 95.3

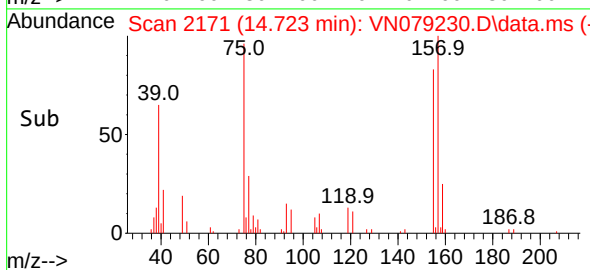
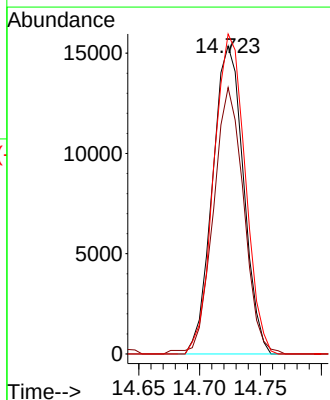
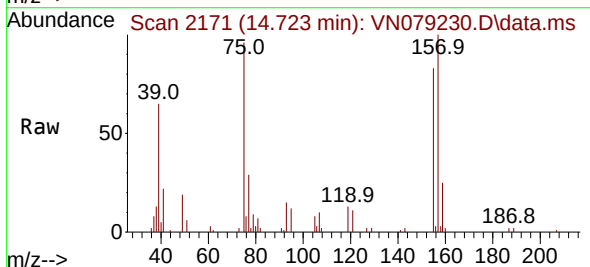
Manual Integrations
APPROVED

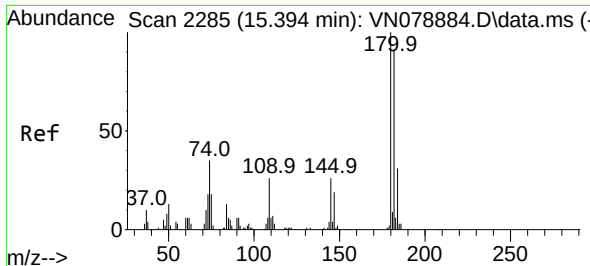
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.840 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

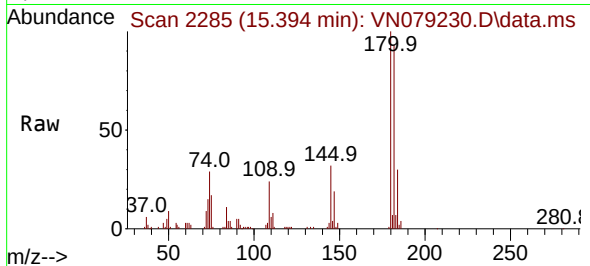
Tgt Ion: 75 Resp: 27168
Ion Ratio Lower Upper
75 100
155 84.7 39.1 117.2
157 105.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 54.753 ug/l
RT: 15.394 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

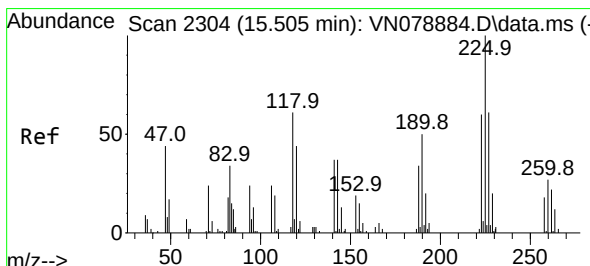
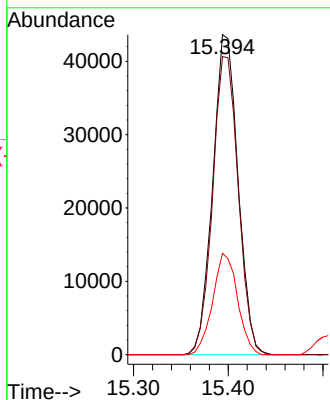
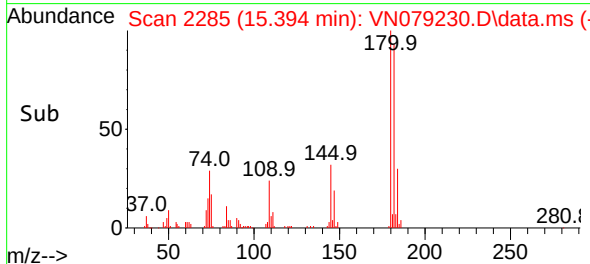
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



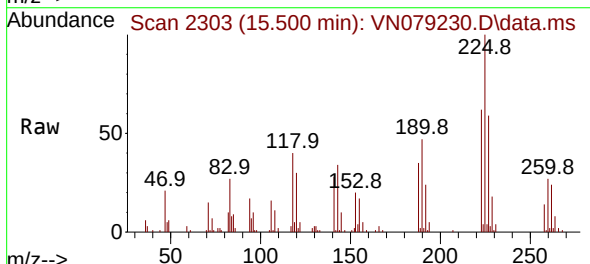
Tgt Ion:180 Resp: 80928
Ion Ratio Lower Upper
180 100
182 94.5 46.1 138.2
145 31.1 16.6 49.8

Manual Integrations
APPROVED

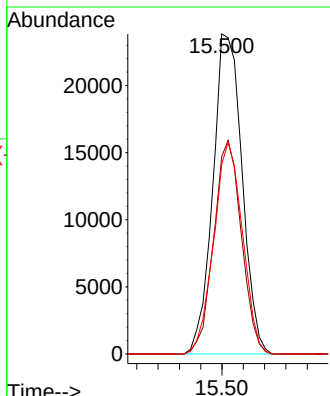
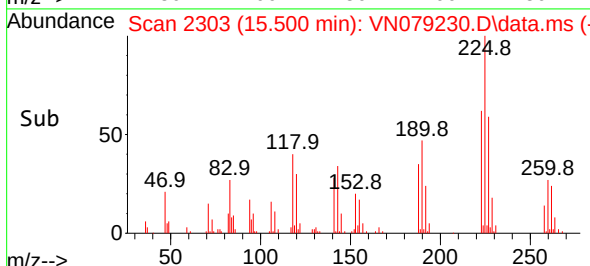
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

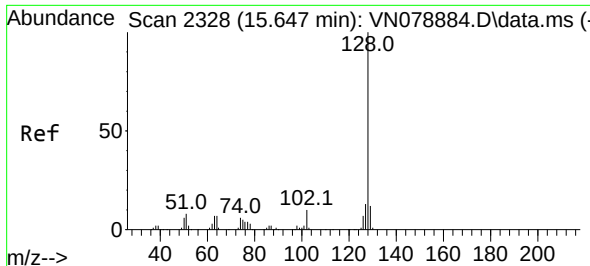


#94
Hexachlorobutadiene
Concen: 38.973 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



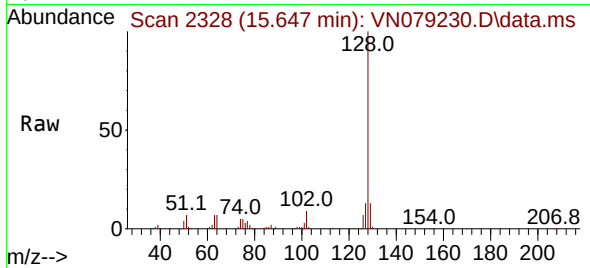
Tgt Ion:225 Resp: 45315
Ion Ratio Lower Upper
225 100
223 63.2 31.3 93.8
227 64.9 31.9 95.9





#95
Naphthalene
Concen: 56.086 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42

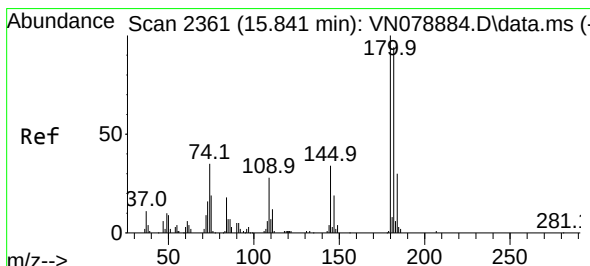
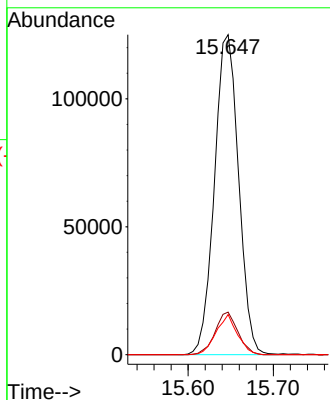
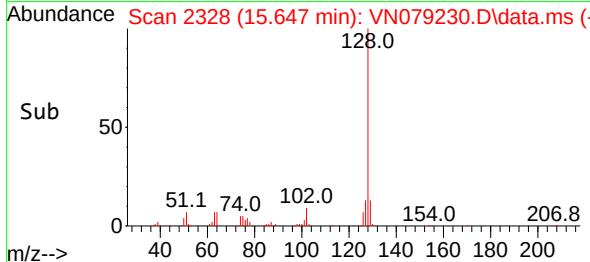
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



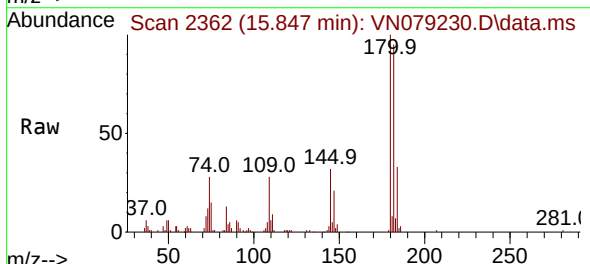
Tgt Ion:128 Resp: 24621
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.087 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079230.D
Acq: 11 Sep 2023 20:42



Tgt Ion:180 Resp: 83840
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.6
145 33.0 17.5 52.6

